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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

FILE NO. 143

MONTHLY REPORTS

July, 1927

JULY-1927

August 9, 1927.

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Inclosed herewith are three copies of monthly report for July. It was not possible to get this report in earlier, and it is not yet complete, but rather than delay it longer we are sending it without the statement of revenues, which will be mailed just as soon as possible.

Very truly yours,

Inclosures.

Superintendent.

August 9, 1927.

The Director,
National Park Service,
Washington, D. C.

Dear Mr. Director:

Inclosed herewith are some copies of our daily reports for July. It was not possible to get this report in earlier, but it is not yet complete, but rather than delay it longer we are sending it without the statement of transfers, which will be mailed just as soon as possible.

Very truly yours,

Superintendent.

Inclosures.

August 5, 1927.

Dear Sir:

The following is my report on conditions in Yellowstone National Park, and on the activities of the National Park Service, for the month of July, 1927:

000 - General

I am glad to say in this statement at the beginning of this report that things moved very smoothly in Yellowstone National Park during the month of July. Weather conditions were good and thousands of people enjoyed camping in the park. During the month travel increased to such an extent as to overcome the loss due to the late spring and by the end of the month the total travel figures for this year had exceeded those for the corresponding period last year. It now appears that we may be able to arrive at the close of the season with a total of approximately 195,000 visitors as compared with 187,807 last year.

Service by the park operators and by the Government organization was superior, I believe, to that rendered in any previous year. We had practically no complaints on any score. Quite a number of times during the month I took occasion to stop all buses and talk to their passengers in order to ascertain the type of service being furnished by the hotels, lodges and transportation lines. I was never even able to get one complaint. As our camp ground facilities are better than ever before we were able to take care of our thousands of campers in a satisfactory manner.

Our educational work proceeded in a very satisfactory manner and gave pleasure and information to larger numbers of people than ever before. One of the surprising things about the season has been the unprecedented use of our Information Office and Museum at headquarters.

There were a great many prominent people among the month's visitors and the prospects are that during the month of August there will be even a larger number of men and women of fame and distinction among our guests. We still believe that there is a possibility of the President visiting Yellowstone during August.

Dear Sir:

The Editorial is my reply to questions in relation to Cultural Work, and on the activities of the Cultural Work Committee, for the month of May, 1937:

Odd - Dancing

I am glad to report this statement as the beginning of this report that Salmon never very seriously in Isolation Between Type Setting the month of July. Summer conditions were good and Economic of people enjoying dancing in the years. During the month Grand Insurance to such an extent as to encourage the Lion Inn to Sign up and by the end of the month the Grand Ballroom Figured for this year was somewhat worse for the corresponding period last year. It now appears that we may be able to arrive at the income of the season with a total of approximately $8,000 which is comparable with $7,[illegible] last year.

Service by the Inn Employees and by the International Organization was important, I believe, to what remained in my previous year. In and practically no complaints on any basis. Quite a number of times during the month I took occasion to stop all dances and talk to their management in order to acquaintain the type of service being furnished by the Lodge and Organization in Ilwaco. I was rather even with in not too complaints. In our long general facilities are better than ever before we were able to take care of our Convention of August in a satisfactory manner.

The accommodations were provided in a very satisfactory manner and were pleasant and information be larger numbers of people than ever before. One of the surprising things about the season has been the appreciation has of our Individual Cottage and Tourist accommodations.

There were a great many prominent people among the month's visitors and the prospects are bright during the month of August many will be even a larger number of that are weeks of Time and distinction among our guests. We still believe that there is a possibility of the Treasurer visiting Ilwaco during August.

The park throughout the month of July was very beautiful. A great amount of moisture in the ground kept the flowers growing luxuriantly and never before have I seen such wild flower gardens in Yellowstone Park as existed everywhere this season, but particularly in the Mt. Washburn-Dunraven Pass section. Fishing was good all month and gave pleasure to thousands of people. The only unsatisfactory thing anybody had to contend with was the mosquito situation which at certain times and in certain places was almost unbearable. Fortunately the work done by the National Park Service in draining swamps and oiling pools protected the main sections of interest from the mosquito evil. The large crowds that accumulated each night at the bear feeding grounds suffered more from the mosquitos than they did anywhere else in the park except in the case of fishermen who got into particularly swampy places.

The roads dried out early in the month and were kept in good condition. The application of oil to the surface of most of the roads of the Grand Loop System was distinctly the "hit" of the season. Many favorable comments have been made on the oil treatment and the motorists have carried the story of the use of oil to other parks from which we are hearing now with requests for information as to why oil can not be used in all National Parks. While of course our oiling work was more or less in the nature of an experiment there is no question but what it has been a great success.

An unusual number of officers of cooperating Government organizations were in the park during the month of July. These included officers of the Bureau of Public Roads, Bureau of Entomology, Bureau of Fisheries, Forest Service, U. S. Public Health Service, Indian Service.

120 - Status of Work

All of the activities of the organization of Yellowstone Park have been kept current so far as I can learn. The financial office of the park is undergoing study and reorganization under the direction of Chief Clerk F. L. Conner of Yosemite. It may be that this reorganization of the financial office has made it necessary to defer certain matters but I am sure that the work on that side of the office is in better condition than it has ever been in the past at this time of the season. I think we can assure the Washington Office that every department of this park is functioning satisfactorily as this report is written.

120 - Park Inspections by

121 - Superintendent:

The first three days of the month I was at headquarters on general park business. On July 4th I went to Cody to participate in the dedication of the newly completed Buffalo Bill Museum. I was one of the speakers at the dedicatory ceremonies. July 5th I returned to

The pure [illegible] [illegible] or [illegible] was very beautiful. A great amount of relatives in our general [illegible] the flowers growing luxuriantly and never [illegible] were I seen such with [illegible] gardens in [illegible] as [illegible] everywhere this season, but particularly in the [illegible] [illegible] [illegible]. Finding one good all round and gave pleasure to thousands of people. The only [illegible] [illegible] [illegible] and [illegible] [illegible] [illegible]

Cody and went over to West Thumb and inspected the roads from that point through to headquarters via Dunraven Pass and Tower Falls. On July 6th I was at headquarters part of the day, went to Canyon in the afternoon to meet Congressman Magrady of Pennsylvania, one of the prominent guests staying over at that point. On the 7th I went from Canyon to Old Faithful on inspection with Landscape Engineer Vint. I returned to headquarters that night, remaining until the afternoon of the 9th. The night of the 9th I spent at the Canyon Hotel where I discussed the Zion-Mt. Carmel road project and other matters with President Carl R. Gray of the Union Pacific System. On the morning of the 10th with Resident Engineer Daum I went to West Yellowstone and met Dr. L. I. Hewes of the Bureau of Public Roads and one of his assistants, Mr. F. A. Kittridge. We inspected the road through to Gallatin Gateway, 14 miles north of Bozeman, returned to the Park and went on to Old Faithful for the night. On the 11th we continued our inspection, going into the Jackson Hole country as far as the Gros Ventre River and returning to the Lake Hotel for the night. On the 12th I covered the east entrance road as far as Sylvan Pass Station and came into headquarters by way of Dunraven pass and Tower Falls. On the morning of the 13th I was at headquarters, went to Old Faithful in the afternoon, spending the night there with U. S. Senator Smoot of Utah. On the 14th B.P.R. officials and I inspected the Firehole Cutoff project and returned to headquarters where I remained until the 16th. At Canyon Hotel on the morning of the 16th I joined Senator Smoot's party and we went over the summit of Mt. Washburn and into headquarters in the afternoon. On the 17th I was at headquarters and went out on the Norris road on inspection in the vicinity of Norris Geyser Basin. On the 18th I was in Livingston, Mont., on park business; spoke at noon at the Rotary Club. On the 19th with Dr. L. I. Hewes of the B.P.R. I covered the highway to West Yellowstone and took the train for Salt Lake City. I was in Utah all day the 20th with the State Highway Engineer. Dr. Hewes and I then went to Provo Canyon to inspect oil processing of roads under State direction. I returned to Yellowstone Park on the night of the 20th, going directly to headquarters where I cleared up accumulated correspondence and went to the Lake Hotel in the afternoon of the 22nd to meet Secretary of Commerce, Herbert Hoover. On July 23 I spent the day with Secretary Hoover on Lake Yellowstone returning to headquarters that night. On July 24th I left for Crater Lake Park to meet Director Mather, arriving in Portland, Oregon, on the evening of July 25th where I conferred with B.P.R. officials. On the 26th reached Klamath Falls, Oregon, in the morning where I was met by Director Mather and Superintendent Thomson and we proceeded at once to Crater Lake Park. On the afternoon of the 28th I left with Director Mather via the Medford entrance and took the train that night for Red Bluff, Calif. Spent July 29th inspecting headquarters of Lassen Park and roads in the vicinity; drove from Red Bluff through to Reno, Nevada; left Reno on the night of the 29th and arrived at Ogden, Utah, on the afternoon of the 30th. I returned to headquarters via West Yellowstone the morning of the 31st.

[illegible]

122 - Special field representatives of N. P. S.

During the early part of the month Acting Chief Landscape Engineer T. C. Vint continued his study of Yellowstone park problems confining himself largely to matters of road relocation and plans for improvements by public utilities during the summer. He gave a great deal of attention to the proposed new wing to Old Faithful Inn. Being unable to get a satisfactory plan for this wing he finally agreed to accept the plan of the architect who was the designer of the original Old Faithful Inn, leaving the responsibility for the new wing squarely on its author. Assistant Landscape Engineer Davidson and Mr. Vint left together for Glacier Park on July 7th.

Mr. Charles L. Gable, Chief Inspector, National Park Service, arrived via West Yellowstone on the 14th and left via the same gateway on July 22nd.

Mr. Ansel Hall, Chief Park Naturalist, was here throughout the month of July laying out the Mammoth nature trail and preparing information signs for the terrace trail at Mammoth Hot Springs. He also gave a great deal of consideration to the museum problem, giving some special consideration to the possibility of lookouts at the Grand Canyon of the Yellowstone. He also conducted a campaign to protect the wild flowers of Yellowstone Park, getting in touch with the flower girls at the various hotels and lodges, working up regulations to control the picking of flowers for hotel and lodge decoration, preparing a set of cards for the identification of flowers on dining room tables, etc. Mr. Hall's work was very important and efficiently done.

Mr. C. A. Moskey, Legal Officer, National Park Service, Washington, D.C., accompanied by Mrs. Moskey, arrived via West Yellowstone on July 9th and left via Cody on July 15th.

Mr. Fred L. Conner, Chief Clerk of Yosemite National Park, Calif., in compliance with Service letter of July 6, 1927, reported at this park July 12th to assist in reorganizing and instructing our financial office in the new accounting system. Since his arrival he has installed the new cost accounting system effective as of July 1, 1927, and has instructed the clerks fully regarding its operation, and has prepared a cost outline for the use of this park for the current fiscal year which is in consonance with the new accounting manual, but which is also designed to cover operating conditions which are peculiar to this park. Certain changes will be necessary in our approved Outline of Work to care for the distribution of salaries previously charged to Administration. A revised Outline of Work is being submitted covering these items. As a result of the introduction of the new cost accounting system our July payroll was paid in full on August 5th and our cost reports were completed on the 6th. This is a gain of over ten days over previous months. This result is considered very gratifying in view of the short time the system has been installed. The chief difficulty experienced in getting the payrolls out was due to the fact that some time sheets from outlying sections of the park were not received until the morning

During the early part of the month of July Mr. Landreth, Supervisor E. C. Tree conducted his study of Yellowstone park problems concerning bison and forwarded to members of road commission and plans for improvements by public utilities during the summer. He spent a great deal of attention to the proposed new entry to the Yellowstone lake. Using models it was a satisfactory plan for this entry be finally agreed to accept the plan of the architect who was the designer of the original Old Faithful Inn, leaving the responsibility to the new entry especially on its exterior. Architect Landreth returned to Washington and Mr. Tree left Yellowstone for Glacier Park on July 7th.

Mr. Stanley C. Dodge, chief ranger, National Park Service, arrived via Rock Island-Milwaukee on the 14th and left via the same railway on July 22nd.

Mr. Ansel Hall, chief Park Naturalist, was here throughout the month of July laying out the Museum Nature Trail and preparing information signs for the nature trail at Museum for Springs. He also gave a great deal of consideration to the museum problem, giving some special consideration to the possibility of locating as the final location of the Yellowstone. He also prepared a proposal to present the wild flowers of Yellowstone Park, getting in touch with the flower girls as the various trails and lodges, working by negatives in making the picking of flowers for bulbs and seed lots, determining propagation a set of seeds for the identification of flowers so distinct from lodge, etc. Mr. Hall's work was very important and officially done.

Mr. G. C. Bishop, Legal Officer, National Park Service, Washington, D.C., accompanied by Mrs. Bishop, arrived via Rock Island-Milwaukee on July 7th and left via same on July 15th.

Mr. Tom W. Dawson, chief clerk of Yellowstone National Park, left on July 6, 1927, reported at this park July 12th to assist in organizing and instructing our financial office in the new accounting system. Since his arrival to the 15th the new auditing system effective as of July 1, 1927, and has instructed the clerks fully regarding the system, and has prepared a chart outline for the use of the park the current fiscal year which is in accordance with the new accounting method, and which is also designed to serve operating conditions which are peculiar to this park. Certain changes will be necessary in our physical setting of work to care for the distribution of salaries previously charged to construction. A partial outline of work in Yellowstone Park showing these items. As a result of the introduction of the new accounting system our July payroll was paid in full on August 5th and our last payroll was completed on 15th. This is a gain of two weeks over previous months. This result is considered very satisfactory in view of the fact that the system has been installed. The only difficulty experienced is getting the payroll out due to the fact that some time elapses from obtaining the signature of the park superintendent until the warrant

of August 5th. This condition will be corrected in August by having the motorcycle rangers in the different districts collect all time sheets on the last day of the month and bring them to their headquarters from which places they will be collected by a ranger patrolling the loop and brought to headquarters the same day. Mr. Conner believes and the clerks agree with him that this should enable them to have the payrolls out by the third of the following month and the cost reports out two or three days later.

Mr. Comer has also given the clerks additional instruction in the operation of the Uniform Accounting System and is assisting them in closing out the 1927 accounts. He is preparing recommendations for certain changes in the office organization for review by Mr. Gable upon his return. It is expected that he will be able to return to Yosemite some time next week.

124 - Other Interior Department officers

Mr. C. G. Paulsen, District Engineer, U. S. Geological Survey, Boise, Idaho, accompanied by Mr. J. C. Hoyt, and Mrs. Paulsen, also Mr. W. A. Lamb, in charge of the Helena Office of the Geological Survey, entered the park at the Snake River entrance on July 18th and left via West Yellowstone on July 19th.

Mr. Veach, also of the Geological Survey, was here during the month in connection with stream gaging activities of the Survey.

125 - Other Government officers

On July 22nd Hon. Herbert Hoover, Secretary of Commerce, arrived at Lake Hotel, coming in via the western gateway. He had with him Mr. G. C. Leach of the Bureau of Fisheries and Major Kinsley, photographer of the Smithsonian Institute, Washington, D. C. With local officers and employees of the Bureau of Fisheries Station at the Lake Yellowstone hatchery Mr. Hoover spent Saturday, July 23rd, cruising on Lake Yellowstone, inspecting egg collecting stations, Bureau equipment, etc. He invited me to accompany him on his trip. Late in the afternoon of the 23rd the Secretary visited the Grand Canyon of the Yellowstone, and departed that night via the western gateway. Messrs. Leach and left on July 26th after spending the intervening time in conferences with local Bureau of Fisheries employees. Mr. George Acker, Asst. to Secretary Hoover, was also in the party.

Much of my time during the month, as indicated above, was devoted to conferences with Bureau of Public Roads officials. On July 10th Dr. L. I. Hewes, Deputy Chief Engineer of the Bureau, and head of the Regional office controlling road work in 11 western states, arrived at West Yellowstone. He had with him Mr. F. A. Kittridge of the San Francisco Office. He was joined here by Mr. H. K. Bishop, Chief of Construction of the Washington Office of the Bureau of Public Roads, Mr. J. W. Johnson, District Engineer at Denver, and by local representatives

of August 5th. This meeting will be attended in August by having the motorcycle campers in the different district offices all that meets on the last day of the month and bring them to their headquarters from which places they will be motorized by a ranger patrolling the camp and brought to headquarters the same day. Mr. Conner believes and the district agree with him that this should enable them to have the payrolls out by the first of the following month and the first warrants over ten to three days later.

Mr. Conner has also given the district additional instruction in the operation of the Uniform Accounting System and is assisting them in closing out the 1937 accounts. He is preparing recommendations for participation in the office organization for review by Mr. Cable upon his return. It is expected that he will be able to return to Denver some time next week.

1st - Other District Department offices

Mr. C. G. Fosland, District Engineer, U. S. Geological Survey, Boise, Idaho, accompanied by Mr. L. G. Hoyt, and Mrs. Jackson, also Mr. F. L. Long, in charge of the Salem office of the Geological Survey, checked the work of the Denver Office reviewing the July 1936 and last two fiscal years on July 1936.

Mr. Fosland, also of the Geological Survey, was here during the month in connection with shown geology activities of the Survey.

1st - Other Department offices

On July 22nd Mr. Forest Cover, Secretary of Commerce, arrived at Lake Cotal, coming in via the western gateway. He was with Mr. G. O. Jacob of the Bureau of Fisheries and Major Hinsley, photographer of the Information Division, Department. Mr. C. Mile local officers and employees of the Bureau of Fisheries joining at the lake followed the Secretary by Denver some Saturday, July 23rd, arriving in Twin Falls, inspecting the salmon exhibit, Bureau equipment, etc. He invited me to accompany him on his trip. Late in the afternoon of the 23rd the Secretary visited the Grand Canyon of the Yellowstone, and departed that night via the western gateway. Mrs. Jacob and late on July 26th after spending the intervening time in conference with local Bureau of Fisheries employees, Mr. George Acker, Asst. to Secretary Hoover, was also in the party.

Upon my return from the meeting, as indicated above, was devoted to conference with Bureau of Public Roads officials. On July 20th Mr. L. E. Brown, Chief Engineer of the Bureau, and head of the Regional office conducting road work in 11 western states, arrived at Twin Falls. He was with his Mr. G. Albright of the Ja Prescotes office. He was joined here by Mr. E. T. Jiggs, Chief of Construction of the Washington office of the Bureau of Public Roads, Mr. W. T. Thomas, District Engineer at Denver, and by local representatives

of the Bureau. Messrs. Bishop and Johnson did not arrive until July 18th. Dr. Hewes, Mr. Kittridge, Mr. Palm of the Denver Office, and Mr. M. F. Daum, Resident Engineer, Yellowstone, accompanied me on a complete inspection of all Yellowstone park roads which was necessary in order to formulate finally the ultimate road building program for Yellowstone National Park. We first drove over all of the roads, then held a series of conferences at park headquarters to discuss the general principles that should govern the development of the Yellowstone road system. Subsequently we made other trips into the park to give more detailed examination to certain stretches of road which seemed to need more attention. Acting as Assistant Director (Field) I had many other conferences with Dr. Hewes and his assistants on general park road problems. On July 20th Dr. Hewes and I were in Salt Lake City for a conference on the Zion-Mt. Carmel road project, meeting there the Governor of the State, the Highway Commission, the State Land Board and the Bureau of Public Roads officers stationed at Ogden. Mr. Hewes and Mr. Kittridge left Yellowstone on July 21st for Glacier.

Dr. H. E. Burke, Entomologist, Department of Agriculture, arrived on June 20th. Dr. Burke is making investigations of the sawfly epidemic in Yellowstone, but is in Glacier at the present time.

Dr. E. T. Allen of the Geophysical Laboratory, Carnegie Institution, Washington, D. C., came into the park on June 20th via Gardiner and is still here.

Dr. Arthur L. Day, Director of the Geophysical Laboratory, Carnegie Institution, Washington, D.C., came in via Gardiner on July 22nd.

Mr. H. B. Hommon, U. S. Public Health Service,

126 - Congressional committees or sub-committees

There were no Congressional committees or sub-committees visiting the park during the month but the following members of Congress were here: Hon. Scott Leavitt, Congressman from Montana, Hon. Reed Smoot, U. S. Senator from Utah, Hon. Frederick M. Magrady, Congressman from Pennsylvania, Hon. Wesley L. Jones, U. S. Senator from Washington, and Hon. E. J. B. Robinson, Congressman from Iowa.

of the Bureau. Bearing and distance did not arrive until July 12th. Mr. Brown, Mr. Stirling, Mr. Tolan of the Bureau Office, and Mr. R. T. Jones, Director Geologist, Bulawayo, accompanied me to a complete inspection of all Territories that which other was necessary in order to formulate finally the distance from existing proposed for National Park Jones. We first drove over all of the roads, then held a series of conferences at Park headquarters to discuss the general principles that should govern the development of the Bulawayo area. Subsequently we made short trips into the park to give more detailed consideration to certain stretches of road which seemed to need more attention. Leaving Mr. Stirling Director Office I had long conversations with Mr. Jones and his staff. Both on general park road problems. On Sunday Mr. Jones and I went to Lake Alice for a conference on the Zimbabwe Ruins project, meeting there the Governor of the Colony, Sir Alfred Cheesman, Mr. Fiske Lake Mosse and the Curator of Public Works Mr. Stirling statistics at Salisbury. Mr. Jones and Mr. Stirling left Bulawayo on July 23rd for Salisbury.

Mr. H. W. Pocock, Commissioner, Department of Agriculture, arrived on June 20th. Mr. Pocock is acting Assistant Director of the Veterinary Department in Bulawayo, but is in Director at the present time.

Mr. H. T. Tolan of the Geological Laboratory, Bulawayo, Mr. Stirling, Mr. G., were here on park on June 20th via Bulawayo and is still here.

Mr. Arthur G. Ray, Director of the Geological Laboratory, Southern Rhodesia, Bulawayo, Mr., were in the Bulawayo on July 22nd.

Mr. H. A. Brown, M. A. Public Health Department.

1st - Conservation conditions of pre-colonial times

Early men on conservational conditions or pre-colonial times visiting the park during the years has the following members of Company were Lord Lord, Lord Lord, Mr. Brown from Salisbury, Mr. Jones, Mr. Lord, Mr. L. Jenkins from Park, Mr. Fiske, Mr. Stirling, Conservation Commissioner, Mr. Pocock, Mr. Ray, Mr. L. Jenkins from Bulawayo, and Mr. H. A. Brown, Department from Park.

130 - Finance and Accounts

Under "122" is given an account of the installation of the new accounting system by Mr. Fred L. Conner, Chief Clerk of the Yosemite office.

140 - Labor Situation

Neither the National Park Service nor the public utilities of the park have had any trouble whatever in securing ample labor for operations this summer. In our own organization we seem to have had less trouble in holding labor this year than at any time during the past few years. Whether this is due to better food and living conditions or not I am unable to say.

150 - Equipment and supplies

Employees of our transportation department were engaged during the month as follows: Moving road camps and hauling forage for all ranger stations and road camps, hauling rations and beef to all camps, transporting freight, gas and oil from Gardiner to Mammoth. Employees of the storehouse and commissary were engaged in receiving and storing supplies, issuing rations, forage and equipment to camps and ranger stations, cleaning quarters above the museum each day, storing cars of men working in the park, and cleaning and inspecting the bunkhouse.

180 - Circulars, etc.

Copies of circulars and publicity bulletins issued during the month are attached hereto.

200 - Maintenance, Improvements and New Construction

Maintenance - Roads: The heavy maintenance crews, consisting of two large tractors and four graders, completed the reshaping and ditching of such portions of the road as the heavy traffic would permit, and were transferred to other work on July 8th. These crews covered practically the entire loop section except from Canyon Junction to Tower Falls during the forty days they worked.

The light maintenance crews continued the same as last month, except that our new one man power graders were sent out the 12th and our grading has been done with them instead of the teams as before. We now have 130 men and thirty teams on this type of work.

The road oiling which has replaced the water sprinkling system completed the first application of oil on 123 miles of road and the second application of oil upon 40 miles of the road. Some 240,000 gallons of road oil has been spread this season with fair results. It has required the constant use of 10 trucks and 12 men to accomplish this work. The work has been retarded somewhat by the type of equipment which we have converted into oil carriers, mainly our old sprinkler trucks with wooden tanks.

On July 27th we had the first heavy rain of the season and as a result we have had much trouble in keeping the road surfaces smooth. The heavy traffic of the past month has shown the inadequacy of the present surface for such traffic under adverse conditions.

1Ap - Labor situation

Without the distract from further war the public utilities at the park came had any trouble whatever in securing ample labor for operations this summer. In war was experienced we seem to have had less trouble in securing labor this year than at any time during the past few years. Further this is due to better food and living conditions or not I am unable to say.

1Ap - Equipment and supplies

Supplies of our transportation department were averaged during the month as follows: Driving road image and building storage for all kinds tires lube and oil stage, building stations and fuel to all stage, transporting freight, gas and oil from Cheyenne to Yellowstone. Supplies of the stores and commissary were engaged in receiving and storing supplies, loading vehicles, forage and equipment to stage and freight stations, cleaning warehouse and stores each day, storing auto of our working in the park, and cleaning and improving the conditions.

1Ap - Garages, etc.

Copies of circulars and publicity bulletin issued during the month are attached herewith.

2Ap - Automobiles, Improvements and Our Construction

Automobiles - During the heavy automobile crown, consisting of two large trucks and four grader, completed the remaining and finishing of much portions of the road as the heavy traffic would permit, and were transferred to other work on July 5th. Crews were overed practically the entire long section except from Canyon Junction to Lower Falls during the forty days they worked.

The light automobiles crews completed the work on last month. except that our new one man power grader was put out the 12th and our grading has been done with them instead of the horse as before. We now have 120 men and eighty teams on this type of work.

The road oiling which has replaced the water sprinkling system completed the first application of oil on July 6th and the second application of oil upon 40 miles of the road. Some 80,000 gallons of road oil has been spread this season with fair results. It has required the contract one of 10 trucks and 12 men to accomplish this work. The work has been satisfactorily accomplished by the type of equipment which we have contracted into all carriers, mainly our old specialty trucks with modern tanks.

On July 27th we had the first heavy rain of the season and as a result we have had much trouble in keeping the road surface smooth. The heavy traffic of the past month has shown the inadequacy of the present surface for such traffic under adverse conditions.

On the East Forest roads we had several cloudbursts and all our efforts were necessary in keeping the road open and saving it from the high water. We had very high water at Libby, Mormon, Gunbarrel, Moss and Clearwater Creeks. The road was covered with debris, consisting of large boulders, mud and drift wood. The channels were clocked and the debris was piled up over the bridges. However, the bridges held and we lost very little yardage in our approach fills.

The bear dump road near the Canyon Hotel was rebuilt with our heavy graders and surfaced with gravel. This road which has usually been impassable most of the season is now on a par with our main roads.

220 - Improvements - buildings

The carpenter has been engaged upon the usual building repairs, screens, etc.

Painting Department: The following work was done by this department during the month: Painted approximately 200 new signs; painted all old signs throughout park; painted outside of museum building, and outside of Beatty quarters, Neumann's quarters, Bruce quarters, #6 storage building, and canteen building, and roof of wagon shed opposite #6, and roof of hay storage building opposite #6. Painted penstock from reservoir to power house complete, started painting on Burney-Lindsley quarters, painted new inclosure at buffalo corral, miscellaneous work framing and painting for museum, miscellaneous work of mixing paint, etc.

Garage: Repaired and kept in operating condition all cars, trucks and other equipment during month.

Electrical Department: The following work was done by this department during the month: Installed and connected electric hot water heaters in Sprinkles',quarters, also in Peterson, Eggon and Ranger quarters; removed old switchboard and installed new Kellogg switchboard at Mammoth; installed old switchboard removed from Mammoth at Lake Ranger Station; strung 10-1/2 miles, one wire, on Sylvan Pass line poles for one wire grounded line to Upper Yellowstone; replaced about 150 old poles with native poles on Sylvan Pass line; strung 1-1/2 miles, two wires metallic circuit, Canyon to Lake 50-50 line; strung two wires Lake Camp to Lake Ranger Station, 1/2 mile.

Plumbing Department: The Master Plumber and his assistants were engaged as follows during the month: Building 212 tables in auto camps; building 6 double earth toilets; building 2 comfort stations; laying 1200 feet 6" sewer pipe Canyon auto camp and 1,000 feet 2" water pipe; building 24 foot bridge connecting two auto camps together; rebuilding sludge bed Canyon auto camp sewer tank; building chlorine house 6' x 10'; relaying concrete floor in old comfort station Canyon. The following work was done at Mammoth: Repairing steam boiler in hospital; installed combination sink and laundry tub in Neumann's quarters;extension of water system at buffalo corral; relining ice boxes; installing electric water heater and repairing showers and wash basins in Ranger quarters.

[illegible]

[illegible]

[illegible]

230 - New Construction - roads

The Firehole Road is rapidly reaching its final form. The reconstruction of the old road built by the Army Engineers in 1916 is about 60% completed and it is only the inability of the steam shovel to move the greater yardage that holds this section of the work back. The new work is going more slowly due to the nature of it which consists in building wet rubble walls around the worst cliffs. The crew are working upon the last of the wall work and should be finished with it in another month. An average of 60 men and 7 teams comprises the crew doing this work.

The surfacing of the Inspiration Point road was completed this month and that road is in very good condition. The surfacing of local materials was spread 24 feet wide and to a depth of about 5 inches, compact. The average haul for the material was about three miles and was done with three dump trucks.

Work was started upon the new road which connects the Inspiration Point road near Grand View with the Canyon Tower Falls road near the 3-mile post. This road is being built to eliminate the bad grades and curvature of the old road as well as to eliminate the unsightly buildings which are along the old road. It will also give the bus tourist one more view of the Grand Canyon before leaving for Tower Falls. The road is about 8,000 feet long and we have built about 1,000 feet of that now. We are using a crew of 20 men and 15 teams upon this work.

The West Gallatin road was advertised for contract by the Bureau of Public Roads, Denver office. Bids were opened July 1st and the low bidder, the Taggart Construction Company of Cody, Wyoming, tendered a bid of $101,692.36. Due to irregularities this bid was rejected by the Service and the project has been readvertised by the Bureau of Public Roads and August 8th set as the date of opening bids.

The Cub Creek section of the East Entrance road was advertised for bids and bids were opened July 12th. The low bidder was Morrison & Knudson with a bid of $123,561.70. This bid has been accepted and the contractor is preparing to move his equipment in as soon as the approval of the Washington office has been received.

Both of these bids were higher than the engineers' estimate but within the 10% contingency item. The Bureau of Public Roads have had their crews staking out the projects for construction all during the present month and have the work well under way. Two survey crews have been used upon this work.

New Construction - Buildings

The mess house and bunkhouse for the road camp at the Canyon utility site were practically completed this month except for the painting. The old log mess house was torn down and the site cleaned up. The lumber salvaged from this building will be used in building the barns for the other road camps. About 5,000 feet of lumber was salvaged.

The Tramway was in rapidly wearing its final down. The reconstruction of the old road built by the city Corporation in 1911 is about [illegible] and it is only the liability of the tramway to move to [illegible] provided that will be the section of the work that. The men were in going also already due to the course of it which consists in building was [illegible] the actual street. They were the working upon the last of the well work and [illegible] to finished also it is another month. [illegible] of 10 men and 7 [illegible] imported the men doing this work.

The [illegible] in the Inglewood Point road was completed this month and that road is in very good condition. The surfacing of local material was carried on that side and is a depth of about 3 inches. [illegible] The average haul for the material was about three miles and was done with three dump trucks.

Work was started upon the new road which connects the Inglewood Point road near Grand View with the Cougar Creek Falls road near the Smith post. This road is being built to eliminate the bad grades and curvature of the old road as well as to eliminate the exceedingly difficult grade along the old road. It will also give the new Grand View at the Grand Cougar Falls Landing for Power Point. The road is about 6,000 feet long and we have built about 1,000 feet of that one. We are using a crew of 20 men and 15 horse teams this week.

The work building road was structured for contract by the Forest of Public Works Office. Also were opened only for and the low bidder, the Inglewood Construction Company of [illegible], [illegible] a bid of [illegible]. This is the Inglewood Bridge Co. [illegible] the Forest and the project has been recommended by the Bureau of Public Works and [illegible] the date of [illegible].

The old Grand Bridge of the Lake Superior road was advertised for bids and bids were opened July 12th. The low bidder was Jerrison & Lawson with a bid of [illegible]. This bid has been accepted and the contractor is preparing to move his equipment in as soon as the approval of the [illegible] office has been received.

Work of these bids were slight due the contractors' reluctance to [illegible] the job [illegible]. The Bureau of Public Works has had [illegible] the projects for construction all during the present month and have the work well under way. The [illegible] have been [illegible] this week.

The Government - Building

The [illegible] and [illegible] for the year ending at the Inglewood [illegible] were practically completed. This month marked the building. The [illegible] from the [illegible] and the site cleared up. The lumber salvaged from this building will be used in building the barns for the other road camps. About 2,000 feet of lumber was salvaged.

The mess house at West Thumb for the road camp located at that station was about 50% complete and the bunkhouse had the foundations laid.

New Construction - Snowshoe Cabins: Four new snowshoe cabins have been erected this season. These buildings are one-room log structures of uniform design. They are attractive in appearance, securely and stoutly built and splendidly adapted to the uses intended. They are located in the following named localities: Crystal Spring, Fawn Pass, Mary Lake and Shoshone Lake. The Crystal Spring Cabin is 16 x 18 feet; the others are 12 x 14 feet. These new and additional accommodations will add materially to the convenience of rangers on winter season patrol.

Trails: - New trail construction this season to date has consisted of 4 miles in the Mammoth district and 1 mile at Tower Falls; these extensions of the trail system are known and designated as nature trails.

The entire trail system has been cleared of down timber and made passable; maintenance and improvement have been in progress throughout the month.

240 - Improvement of approaches to park

As this report is written word is received from Helena that road contracts amounting to $79,576.37 have recently been let by the State Highway Commission on three projects on the road between Livingston and Gardiner, all of these projects being near Emigrant. John W. Herschberger of Hardin, who is now working on the state highway project near Wilsall, was given the contract for the construction of 4.648 miles of road east of the river at Emigrant for $48,674.44. Surfacing and guard railing on this road and 4.29 miles of road connecting it with the highway at Mill Creek, a total of 8.938 miles, was let to F. L. Collison of Billings for $25,632.95. The contract for the construction of a steel bridge over Emigrant Creek was let to Yellowstone Construction Company, Billings, for $5,268.98. Work on these projects is expected to start within a short time.

260 - Landscape work

Under another heading I described the activities of Landscape Engineer Vint and his assistant Mr. E. A. Davidson. They were in the park very little during the month of July. They completed their assigned work of selecting sites for certain places to be erected by the operating companies and the National Park Service and completed plans for some small Government buildings to be erected under the 1928 appropriation. Much of their time was devoted to inspection, road relocations and realignments, etc.

The week ending 21st June for the road gang located at Ban Ban station was spent [illegible] employs and the maximum had the foundations laid.

The Quarrying - Sawdust Quarrying has somewhat ceased have been erected this season. Some outlines are non-cape log structures of antique design. They are attractive in appearance, generally not usually built and quickly adapted to the same installed. They are located in the following areas Longitudinal Quarrying, Tank Pass, Big Lake Sawdust Lake. The original quarrying ceiling is 12 m 10 feet; the sides are 12 m 14 feet. Some day the additional measurements will not correspondingly to the conditions of rainfall on winter season period.

Trailer - The trail construction this season to date has consisted of 4 miles in the Lake District and 1 mile in Dover Valley trail extensions of the trail system are means and developed on mature trails.

The entire trail system has been cleared of dead timber and made passable; washouts and improvement have been in progress throughout the season.

3(d) - Improvement of appearance to park

In this report is written and is received from Helen Ban road construction commencing on 17.5.37 have recently been let by the State Highway Commission on these projects on the road between Alyington and Gardner, all of these projects being near Dalgrest. Also at Kamloopers of Burtin, who is now working on the state highway project near Tilsil, was given the contract for the construction of 4.[illegible] miles of road near of the river at Lakeport for [illegible]. Contractor was using milling on this road and 4.[illegible] miles of road running in with the highway is still there. A total of [illegible] miles, and for [illegible] miles of 3 lines for [illegible]. The contract for the construction of a steel bridge over Dalgrest Creek was let to Lakeshore Construction Company, Alling, for [illegible]. Work on these projects is expected to start within a short time.

3(e) - Logging work

Major contractor Reading I described the activities of Lumbers Engineer Flint and his assistant Mr. E. A. Davidson. They were in the park very little during the month of July. They completed their assigned work of laying out the certain areas so by around by the operating operations and the Bridges Park Service and completed plans for area small development buildings to be erected under the [illegible] programme. Much of their time was devoted to inspection, road relocations and realignments, etc.

300 - Activities of other agencies in the park

310 - Public service contractors

The following construction work was done by the Yellowstone Park Camps Company during the month of July:

Mammoth: Started the construction of Administration and Caretakers building in the public automobile camp. This building is now about 60% completed; Started extension of water pipe lines through housekeeping grounds in public auto camp; started 2 dry toilet buildings in the auto camp, housekeeping cabin section.

Old Faithful: Constructed 25 lodges in the main camp, size 12 x 12; started the construction of new recreation hall, now about 40 to 50% completed; moved approximately 20 new canvas tents from the main lodge to the housekeeping department in the public auto camp. There are now a total of 98 tents to rent in this auto camp. Started the laying of water pipe lines throughout the housekeeping department in the Old Faithful auto camp.

Lake: Completed the construction of twenty 12 x 14' permanent lodges and completed five more 12 x 14' lodges; started the construction of ten more 12 x 12 and 12 x 20 permanent lodges; moved approximately 15 good canvas tents to the housekeeping department in the Lake Fishing Bridge auto camp.

Canyon: Completed the construction of thirty 12 x 14 permanent lodges; started the construction of fourteen more 12 x 14 permanent lodges; started the construction of new sewerage tank per plan given them by N.P.S.

The following work was done by the Yellowstone Park Hotel and Transportation Company:

Mammoth: Put in new steam press for tailor shop; put in filter for ice plant; tunnel for laundry completed; laundry enclosed; room in storage garage completed; 20 concrete seats completed; 16 beds cut down to singles; all repair work on hotel completed. In addition, a great deal of painting, kalsomining and waxing of floors was done by the painting department.

Old Faithful: Put in standard cement grease trap for Basin mess house kitchen; put in new steam press in tailor shop; moved all power lines to the back of new wing of Old Faithful Inn; put in new lavatory for men on fourth floor, old part; put steam table in helps' dining room; tunnel under hotel 60% excavated; foundation for girls' dormitory completed; kitchen completed; floors and walls in old building repaired; work on remodeling bake shop started; chimney on bake shop repaired, and plastering on hotel complete. Considerable painting, varnishing and waxing of floors was also done.

Canyon: Installed new automatic return boiler feed pump; put in steam press in tailor shop; put in new hot water circulating pump; put in three metal shower stalls and dressing rooms, Canyon drivers' bunk; transportation bunk-

320 - Activities of other agencies in the year

320 - Public service commission

The following construction work was done by the Saint-Jerome Electric Company during the month of July:

Saint-Jerome: Started the construction of a double-service pole line in the public commercial area. This building is now ready for electric current extension of water pipe lines through burdening private in public water supply started 2 day relief relocation in the side area, burdening main service.

Ste Adélaïde: Constructed 20 lampes in the main road, also 12 of 120 started the construction of new secondary line. Also made up to 500-current and operationally 20 new centres lamp from the main lamp to the burdening department in the public area.

Lac Tremblant: Started the lighting of water pipe line burdening the burdening department in the old Pitchard area.

Lacs: Completed the construction of twenty 12 x 14' permanent lodges and completed fifty more 12 x 14' lodges; started the construction of ten more 12 x 12 and 12 x 20 permanent lodges; moved approximately 12 good camps built to the burdening department in the lake Tremblant public area.

Dépôts: Completed the installation of thirty 12 x 14 permanent lodges; started the construction of fourteen more 12 x 14 permanent lodges; started the construction of new secondary line for Lac Pitch Pine by 500 ft.

The following work was done by the Saint-Jerome Pulp Wood and Transportation Company:

Lac Pitch Pine: Started the new dam for Pitch Pine; built one 12 foot for the public tunnel for burdening workers; cutting machines have a storage capacity equivalent to approximately 1,000 cords; 12 huts built in August; all trucks were in better condition. In addition, a great deal of painting, alterations and moving of floors was done by the painting department.

Lac Tremblant: Pit is almost ready for the main dam; started the construction of the power house in August; moved all power lines to the north of the lake; all trucks had to be repaired for the winter; fifty old huts were moved; 20 new huts built in August; 1,000 cords of pulp wood were cut; burdening department started the building of the public tunnel for public burdening department; started the construction of the public tunnel; completed the public tunnel and built the public tunnel; moved the burdening department; completed the public tunnel; moved the burdening department; completed the public tunnel; moved the burdening department; completed

house 90% complete;concrete work between last two wings of old building completed; footing and piers under stairways of hotel completed; foundation for boys' dormitory completed; excavation on south wall of engine room started. Considerable painting, kalsomining and staining was done also.

Lake: Completed six inch fire mains and put in 12 double 2-1/2 inch fire hydrants; put in three marble slab stalls in men's wash room; put air lines on all radiators in girls' dormitory; old cook's quarters wrecked and excavation for new building completed; laundry completed; oil house for boat house completed; work started on fishing bridge boat house; chimney rebuilt on garage; plastering in hotel completed. Considerable painting, staining, varnishing and waxing was also done about the hotel.

Norris: Cottage and wood shed completed; old hotel 90% wrecked; lumber 50% cleaned up.

Thumb: Boat Company office completed.

West Yellowstone: All Y. P. T. buildings at West Yellowstone were painted.

General: Put up 1½ miles of telegraph wire from Old Faithful Inn to Firehole Cascades; added $300 worth of fire fighting equipment to the various hotels as per recommendations by the Government inspectors.

some 70% completion; work subsequently was suspended; the shell of the building completed; roofing and plant major exterior or basal completion; foundation for boys' dormitory completely excavated; on south wall of wing from started. Considerable painting, balcony and plastering was done also.

Lower completed all iron work and put in 12 double 4-1/2 inch fire hydrants; put in large double glass doors in each room; put air flues on all ventilators in girls' dormitory; put boys's gymnasium cement and excavation for new building completed; laundry completed; all drains for boys' dormitory; electric wiring on fighting water heater; drainage for boys' dormitory; plastering in boys completed. Considerable painting, staining, varnishing and sanding was also done about the hotel.

Kotten: drainage was most good completed; old hotel 90% removed; lower 50% cleaned up.

Ebenezer: boy's dormitory office completed.

Post Dalimbudye: all I. P. T. buildings at Post Dalimbudye were painted.

Bwaran: 2ft 6in 15 miles of telegraph wire from Dili District line to Viqueque (Ossudam) about 2500 worth of fire fighting equipment to the various boxes as per recommendations by the Government Inspectors.

400 - Flora, fauna and natural phenomena

410 - Ranger, naturalist and guide service

Ranger activities during the month have consisted principally of the following: Checking entrance and exit travel, traffic regulation and control, information and communication service, guide and lecture service, report compilation, forest patrols, trail construction, maintenance and repair, snowshoe cabin construction, informing and assisting the traveling public and safeguarding the wild life and natural features of the park.

Chief Ranger Woodring has been in charge of all Protection Department activities and personnel. Assistant Chief Ranger Trischman has been directly in charge of snowshoe cabin construction, trail maintenance and repair; Assistant Chief Ranger Douglas has been supervising hay ranch activities; woodcutting operations and on special duty assignments; Assistant Chief Ranger Lick has been in charge of the southern supervisory territory and Assistant Chief Ranger Greer has been in charge of the detail work of the Chief Ranger's office; this work involves supervision of ranger activities throughout the park.

The work of the permanent rangers in charge of stations is deserving of special mention at this time. Their unfailing attention to innumerable details and sustained interest and enthusiasm for their work is responsible in large measure for the many expressions of appreciation and high regard for the ranger service in the park. Due credit must also be given to the temporary ranger personnel which is in general performing excellent services throughout the park; this is particularly true of the ranger naturalist service which is regarded as far superior to previous years. Special care and attention have been given to forest patrols and to traffic patrols on all park highways.

Nature and Formation Guide Service: Ranger guides conducted parties on regular schedules over the formations at Mammoth Hot Springs and Upper Geyser Basin. Nature study parties were also conducted by ranger naturalists in the Old Faithful, Yellowstone Lake, Tower Falls, and Mammoth Hot Springs districts. The number of park visitors in attendance during the month are reported as follows:

Formation guide parties		
Old Faithful Hotel	4437	
Old Faithful Camp	8253	Total 12,690
Mammoth Hotel	1909	
Mammoth Camp	2616	Total 4,525

Grand total, formation guide parties..... 17,215

400 - Flora, fauna and natural resources

410 - Ranger, warden and police service

Ranger activities during the month have emphasized potentially if the following: Hunting enforcement and bait trapping, traffic regulation and control, information and recreational services, police and warden service, report compilation, forest patrols, fuel conservation, maintenance and repair, promotion social conservation, informing and educating the travelling public and safeguarding the wild life and natural resources of the park.

Chief Ranger Foreman has been in charge of all departmental supervisory activities and personnel. Assistant Chief Ranger Patterson has been directly in charge of numerous daily assignments, trail maintenance and repairs, instructed Chief Ranger Foreman the best supervising day rangers activities concerning operations and on general duty assignments. Assistant Chief Ranger has been in charge of the warden supervisory training and assisted Chief Ranger Oswer has been in charge of the detail work of the Chief Ranger's office; this work involves supervision of ranger activities throughout the year.

The work of the permanent rangers in charge of stations is directing of general analysis of this item. Their activities involving to investigate complaints and educational lectures and assignments for their area is responsible in large measure for the good relationship of appreciations was high regard for the ranger service in the park. The results were also be given to the temporary ranger personnel which is in general performing excellent services throughout the park; this is particularly true of the ranger naturalist service which is regarded as far superior to previous years. Special note and attention have been given to forest patrols and to traffic patrols in all park highways.

Salmon and Kootenay Lake Patrol: Ranger police conducted patrols on regular schedule over the foreshores of Kootenay Lake Salmon and Ranger Lake. Salmon Lake patrols were also conducted by ranger naturalists in the Old Tailwater, Kootenay Lake, Ferry Falls, and Kootenay Lake Fishing activities. The number of park visitors in attendance during the month are reported as follows:

Kootenay Lake Patrol

All visitors total	4477	
Old Tailwater Camp	1871	Total 12,598
Kootenay Point	1877	
Kootenay Camp	[illegible]	Total 4,[illegible]

Grand total, Kootenay Lake patrols..... 17,215

Nature Study Parties

Old Faithful District	1183	
Lake District	2405	
Tower Falls District	396	
Mammoth District	604	
Grand total, nature study parties.....		4,588

Compare the foregoing with the guide service report for July 1926:

Formation guide parties

Old Faithful Hotel	7090		
Old Faithful Camp	6771	Total	13,861
Mammoth Hotel	1786		
Mammoth Camp	2065	Total	3,851
Grand total, formation guide parties..... ...			17,712

Nature Study parties

Dr. Conard, at large	298	
Madison Junction District	1003	
Lake District	3779	
Tower Falls District	524	
Mammoth District	1135	
Old Faithful District	00	
Grand total, nature study parties.....		6,739

There were two parties daily from the hotel and permanent camps at Mammoth Hot Springs and Upper Geyser Basin.

Lecture Service

Lectures have been delivered daily by ranger naturalists at Mammoth Hot Springs, Old Faithful, Yellowstone Lake, Canyon and Tower Falls. The subject matter of these discourses covers the history, geology, natural features, the forest, plant and wild animal life of the park. The popularity of this service has been attested by thousands of park visitors attending the lectures during the month and many interesting and pleasing comments have been heard. The approximate number of park visitors attending the lectures during the month are indicated as follows:

Mammoth District: Hotel	5600		
Camp	7990		
Public auto camp....	6050	Total	19,640

Old Faithful District			
Bear feeding ground	32050		
Public auto camp	16320		
Hotel	7225	Total	55,595

Nature study parties

Old Faithful district	1,187
Lake district	1,095
Upper Falls district	724
Canyon district	1,341
Grand total, nature study parties.....	4,347

Compare the foregoing with the going service report for July 1924:

Transition guide parties

Old Faithful hotel	2,530	
Old Faithful camp	4,774	Total 12,604
Canyon hotel	1,846	
Canyon camp	3,054	Total 4,900
Grand total, transition guide parties.....		17,504

Nature study parties

Dr. Merriam, or Lacon	968
Southern Transition District	3,005
Lake district	1,095
Upper Falls district	724
Canyon district	1,341
Old Faithful District	90
Grand total, nature study parties.....	6,753

There were two parties daily from the hotel and permanent camps at Canyon and Old Faithful and Upper Geyser Basin.

Lecture Service

Lectures were given daily by rangers naturalists at Canyon, Old Faithful, Yellowstone Lake, Canyon and Upper Falls. The subject matter of these discussions covered the history, geology, natural features, the forest, plant and wild animal life of the park. The popularity of this service has been adjudged by thousands of park visitors attending the lectures during the month and many interesting and pleasing comments have been heard. The approximate number of park visitors attending the lectures during the month are indicated as follows:

Canyon district: Hotel	5,100	
Camp	7,577	
Public auto camp....	500	Total 13,640
Old Faithful district		
Hotel Dining room	2,000	
Public auto camp	1,500	
Total	7,000	Total 33,375

Yellowstone Lake District 9055

Canyon District

Bear feeding ground 10550

Tower Falls District

Camp Roosevelt 600

Grand total in attendance at lectures. 75,800

Compare the foregoing with the lecture service report for July, 1926:

Mammoth Hot Springs	15950
Old Faithful	16505
Lake	7542
Canyon	6240
Tower Falls	140
Dr.Conard, at large	1060
Total	47437

420 - Museum service

There were 22,636 visitors to the museum and information office at park headquarters during the month as compared with 16,625 during July 1926. 1610 free Government publications were distributed and 1636 Government publications were sold together with 271 miscellaneous publications.

The vastly growing popularity of the Museum is manifest to all who have noted conditions here in the past. Not only is the attendance far greater than it has ever been before, but the expressions of appreciation and praise received from visitors make it clear that the Museum and related things have come to fill a place of greatly increased importance in the public estimation.

It is apparent that such new accessions to the exhibits as the fresh flowers, the beaver exhibit, the mounted mammals (deer, antelope, etc.) have added distinctly to the drawing power of the collections. The added prominence given to natural history in the Park by development of the various Nature trails constitutes an element which is bound to be reflected in increased attendance in the Museum, though a more definite statement in this regard would be premature at this time.

The two modeled groups - petrified trees and moose, respectively - even in their present unlighted condition have attracted much notice and have greatly increased public interest in these subjects. Indeed, it seems quite certain, judging from present interest, that the series of models will prove fully as popular and instructive as anything else in the Museum when completed.

Kalimantan Lama district 3033

Queen District

New Hwalim primary 10,000

Upper Julia District

Cong Koonwatt 600

Grand total in attendance at lectures. 75,000

Compare this frequency with the Lenten service report for 1936:

Sawmill and quarries	1,000
Old Pelmanted	1,000
Lima	750
Langua	500
Upper Julia	140
Mr.Conway, at large	1,000
Total	4,440

(2) - Summer worship

There were 27,500 visitors to the summer and Christmas office in Para manufactory during the month as compared with 15,427 during July 1936. Also four international publications were distributed and 3,000 government publications were sold together with 171 missionary publications.

The yearly growing popularity of the Summer is manifest to all who have actual associations during in the year. But only in the attendance for greater Kuala is the area been known before, but the supremacies of spontaneity and genuine revival from visitors make it clear that the Summer and Jubilee Jamboree in 1933 is going of greatly increased importance in the public revelation.

It is apparent that such are varations so the activities as the fresh clients, the lower outlets, the secured personal labor, nothing, 400.(have added distinctly to the growing power of the pollenline. The added prominence given to national ministry in the Press by development of the various Eurasian Christian conventions on change which is issued to be- Elected in increased attendance in the Summer, though a more definite statement in this regard would be premature at this time.

The Jubilee group - partial from and among, respectively - even in their present multiplied conditions have attracted much notice and have greatly increased public interest in these activity. Indeed, it seems quite certain, judging from present interest, that the series of public will prove fully as popular and beneficial as anything else in the Summer that completed.

It is worthy of note that our current issue of Nature Notes from Yellowstone Park has been as much read as last month's number; thus, the new plan of placing these notes before the visiting public has already proven well worth while.

430 - Zoo at Buffalo Corral

Approximately 20,150 people visited the buffalo corral and zoo at park headquarters during the month, as compared with 17,300 during July 1926, and 15,500 during July 1925. The attractions at this point consist of 15 adult buffalo bulls, a yearling bull, a calf, a small band of adult elk, the captive bear Juno, a calf elk, a fawn, an antelope kid and the Buffalo Jones Museum.

It is worthy of note that our current issue of Eastern Horse Trade features articles from the trade on some great men in horse history's remotest past. The new plan of placing these articles before the visiting public has already proven well worth while.

Air - The Air Mortain Tunnel

Approximately 21,000 people visited the Mortain tunnel and one at point headquarters during the month, an increase with 17,000 during July 1944, and 13,000 during July 1943. The attendance at this point consists of 35 adult British soldiers, a juvenile unit, a small band of adult air, the regular war time, a unit air, a few, the training and the national home service.

440 - Insect Control

Dr. H. E. Burke, Entomologist of the U. S. Dept. of Agriculture, in charge of spraying operations submits the following report for July:

"Spraying started June 30th with Mr. Priddy in charge of the crew of six men. About 2-1/2 miles of the West Yellowstone-Madison Junction highway has been sprayed. It will take about two weeks to complete the work at the present rate. The highway should be sprayed to the gauging station and it might be good insurance to continue it on to the Madison bridge, although that is not absolutely necessary. Conditions appear very good at the camp sites and on the formation areas. Some Douglas fir died from bark beetle attack at Camp Roosevelt and near the petrified tree last winter. It is yet too early to determine what the infestation will be this fall. Last week we made a trip along the Cody Road with Supervisor Langworthy of the Shoshone Forest. The budworm epidemic there is in full swing and the only method of control that I can suggest is airplane dusting. The brown Douglas fir along the Madison and down the Gallatin are sending out new foliage and appear to be recovering. The needletyer occurs in about the same numbers as last year. The sawfly has increased slightly."

470 - Animals

Wild animal and forage conditions are good. The animals have been seen in their usual numbers and variety by park visitors during the month.

Elk: Small bands are seen almost daily on the meadows along the Firehole and Gibbon Rivers, on the meadows along the Yellowstone between Lake and Canyon and in the vicinity of Specimen Ridge. Larger bands are frequently seen along the trails at points a few miles distant from the loop road. Most of the elk are at high elevations in the more remote districts of the park.

Deer: The roadside appearances of deer are of almost daily occurrence, particularly along the road between Mammoth and Norris, at points along the road between Thumb and Snake River, and in the Madison Junction and Tower Falls Districts. They are one of the principal attractions along the trails in the Mammoth district and will no doubt reappear on the lawns and plaza at park headquarters coincident with the first indication of the fall season's approach. This generally occurs about the 20th of August.

Antelope: Small bands are observed daily in the Mammoth, Gardiner, Blacktail, Hellroaring, Tower Falls and Specimen Ridge districts. There are a few on the north slope of Mt. Washburn, 2 bands of approximately 25 each on Specimen Ridge and numerous small bands on the slopes of Mt. Norris. The number of kids observed in the larger bands is at the ratio of about 1 to 4.

Moose: Frequent appearances of moose have been reported during the month at the following points: Cooke City ranger station, Camp Roosevelt, along highway in vicinities of Beaver Lake and Norris Station and along Middle Creek in the vicinity of Sylvan Pass. A report has been recently received of a bull moose charging a car while en route along Middle Creek to Sylvan Pass. The car

Mr. M. H. Smith, Meteorologist of the U. S. Dept. of Agriculture, is showing of observing observations should be the following report for July:

"Observing stations have been with Mr. Irving in charge of the work of all small. Report B-1,2" value of the best follow-Bottom Meteorite High-way has been adopted. It will have about two years to complete the work at the present rate. The Atlantic should be ready to be observing climate and is ready to good instruments in readiness in on in the Indian Atlantic. Although that is not completely necessary. Overall time appears very good at the only other and on the Atlantic areas. Some Sequoia the also from been health. Atlantic at Cody Inventory and more the personal time last station. In is just too early to determine what the information will be this fall. Data was in this a trip along the Cody road with Superintendent Langworthy of the Quabbin Farms. The Andover epidemic seems is to fall along and the only method of control that I can suggest is sanitation further. The town Inspectors for along the Indians and been Dr. Hallisis are working and the following and appear to be recovering. The operations should in about the more months as last year. The weather has improved slightly."

Fish - Quabbin

Fish animal and foreign small times are good. The animals have been seen in their usual numbers and varied by good visitors during the month.

Air: Small bumble are seen almost daily in the meadows along the Prescott and Indian Rivers, in the meadows along the Ellinwoods between Lake and Dugan and in the vicinity of Spectacle Ledge. Larger birds are frequently seen along the trails at points a few miles 3 miles from the loop road. Most of the oil are at high elevations in the more remote districts of the park.

Insect: The mosquito populations of Lower are of almost daily occurrence, particularly along the road between Dugan and Prospect, at points along the road between Dugan and Dugan River, and in the Indian Prospect and Dugan Falls districts. They are one of the principal attractions along the trails in the Dugan district and will be found numerous on the lower and place at part Dugan-Prospect trailheads and in the first locations of the full summer's experience. This generally occurs about the 15th of August.

Amphibian: Small frogs are observed daily in the Dugan. Dugan, Dugan, Prospect, Dugan Falls and Dugan Ridge districts. Dugan was a for on the north shore of Dugan. Dugan, a bumble of approximately 3" was on Dugan Ridge and numerous small bumble on the shores of Mt. Prospect. The number of this observed in the larger bumble is at the rate of about 1 in 4.

Dugan: Frequent appearance of Dugan has been reported during the month of the following points Dugan City, Dugan station, Dugan Dugan, along highway in vicinity of Dugan Lake and Dugan Dugan and along Dugan River in the vicinity of Dugan Dugan. I report has been recently received of a bell bumble dropping a Dugan bumble on north along Dugan Creek in Dugan Dugan. The Dugan

was a seven passenger Lincoln, owned and operated by the Yellowstone Park Transportation Company, and was loaded with passengers at the time. The incident provided a thrill for the passengers, caused very little damage to the car and no apparent injury to the animal. There is very little reason to consider that the animal deliberately charged the car and it is believed that he probably attempted to cross the road in front of the approaching car and had no intention of colliding with it as animals are more likely to retreat than charge while their horns are in the velvet.

Buffalo - Lamar River Herd: A recount of the 1927 calf crop was submitted by the Chief Buffalo Keeper on the 14th. The total submitted on this count was 121 which exceeds the last previous count by 17. The herd consists at this time of 815 adults and yearlings and 121 calves, total 936. Forage and herd conditions are excellent.

There is nothing of interest to report concerning the Cold Creek-Pelican Creek herd at this time.

Sheep: There is nothing of interest concerning sheep at this time except that a band of 22 are frequently observed by visitors from the lookout on the summit of Mt. Washburn.

Bears, - Black and Brown: Recent counts on the bears of this species have been submitted as follows: Old Faithful 20, Old Faithful to Thumb Highway 8, Thumb Station 7, Thumb to Lake Highway 10, Lake District 30, Canyon District 65, Tower Falls District 22, Mammoth District 12, total 174. This number includes 41 cubs (mothers with 3 cubs are not unusual). These counts do not include many points along the highways where bears are commonly seen or any of the large areas of back country rarely visited by tourists. A loss of two occurred during the month. A large brown bear was found fatally injured in the forest near Lake Station. His injury consisted of a broken back, cause unknown. The other loss consisted of a cub found by the roadside in the Thumb district; it had apparently been run over by a car. The hides of both these animals were removed and ordered stored in the Government storehouse at park headquarters.

The feeding grounds at Old Faithful, Lake and Canyon are one of the feature attractions at these points. Seating accommodations have been provided at Old Faithful and Canyon and ranger lectures on the bears and other wild animals of the park are delivered at 7:30 p.m. daily. These talks have been largely attended and many favorable comments have been brought to the attention of this office. Visitors have been warned as usual to refrain from feeding the bears, but regardless of these warnings minor injuries from bear bites frequently occur. Thirteen injuries of this character have been treated by the rangers at Thumb Station.

Bears - Grizzly: Recent counts of the bears of this species have been submitted as follows: Canyon 53, Lake 11 and Old Faithful 10, total 74. This is approximately half the estimated total of the bears of this species in the park. The count submitted from Canyon includes 1 mother with 4 cubs, 3 mothers with 3 cubs each, 3 mothers with 2 cubs each and 3 mothers with 1 cub each, also 19

was a seven passenger sedan, owned and operated by the Williamstown Transportation Company, and was loaded with passengers at the time. The incident provided a thrill for the passengers, causing very little damage to the car and no apparent injury to the animal. There is very little reason to consider that the animal deliberately changed its course and it is believed that he probably attempted to cross the road in front of the approaching car but had no intention of colliding with it so cabaets are more likely to return this course while their horse was in the valet.

Bartels - Lower River Road: A pedestrian of the 1937 auto strip was accosted by the driver Bartels (negro) on the 12th. The total accidents on this route are 121 which exceeds the last previous count by 17. The road commands at this time of 8:45 sunset and pavement and 121 drivers. Lated 996. Dusk and dark conditions are considered.

There is nothing of interest to report concerning the 2004 Greenfield Street bout at this time.

Dusk: There is nothing of interest concerning dusk at this time except the 4 cars of 22 are frequently observed by visitors from the Lookout on the summit of 8. [illegible].

Dawn, - Dawn and sunset: Dawn: cannot be the hours of this special have been established as follows: Old Pittsburgh 26, Old Pittsburgh to Dawn Highway 8, Dusk station 7, Dusk to Long Highway 10, Lake Shoreline 7, Dusk Shoreline 9, Lower Falls Street 10, Summer Shoreline 12, Total 174. This number includes 21 cars (between with 7 cars are not accounted). There remain to act implies only points along the highway where bears are commonly seen or any of the large areas of most country rarely visited by tourists. A lone of two remains during the month. A large bread was found fatally injured in the Dr-et water lake station. His injury consisted of a broken back, cause reason. The other lone remained of a car found by the roadside in the Dusk district; it had apparently been run over by a car. The sides of both bears relics were removed and stored about in the Department warehouse if good Adjustment.

The feeding grounds at Old Pittsfield, Long and Jaques are now at the future attractions at these points. Feeding commencements have been provided by the Pittsfield and County and Jaques Lectures on the score and water with animals of the year are delivered at 1:30 p.m. daily. These spots have been largely attended and many favorable comments have been arranged to the attention of this office. Visitors have been warned as usual to refrain from feeding the bears, yet regardless of these warnings minor injuries from bear bite frequently occur. Different injuries of this character have been treated by the rangers at Camp Cutler.

Bears - Bridal: Bears groups of the bears of this species have been accosted in following camps 27, Camp 11 and the Pittsfield 16, total 74. This is approximately half the estimated total of the bears of this species in the park. The count excluding from Jaques Lectures 1 bother with 4 cubs, 7 mothers with 3 cubs each, 3 mothers with 2 cubs each and 3 mothers with 1 cub each, also 17

young males believed to be under 5 years of age, and a large male of advanced age that has been a familiar figure at the Canyon feed ground for the past several years.

Predatory Animals: There is nothing of interest to report concerning predatory animals at this time.

Small Animals: Small animals are abundant throughout the park and afford the usual degree of passing interest.

Dogs: Dogs are admitted at entrance stations during the tourist season on special authority of the Superintendent subject to the condition that they be kept on leash or crated at all times while within the park. The total number admitted this season to August 1st is 985 as compared with 1318 to August 1st last year and 1090 to August 1st, 1925.

Fishing: Reports from exit stations show a total of 21,616 fish taken from the lakes and streams of the park during the month which, together with 4,671 reported for the month of June, makes a total of 26,287 this season to date, as compared with 37,956 to August 1st last year, 25,555 to August 1st, 1925, 30,506 to August 1st, 1924, and 27,603 to Aug. 1st, 1923.

Fish Planting: Mr. C. F. Culler, in charge of the Bureau of Fisheries activities in the park, advises that the planting of fry and eyed eggs in park waters has been in progress during the month; he is not prepared at this time, however, to submit a report on the plants that have been made to date, but a full report of the work accomplished under his supervision will be submitted at the conclusion of their activities late in August.

480 - Natural Phenomena: Old Faithful Geyser Basin: The average daily eruption of Old Faithful, on the basis of 14 each day, was 63 minutes; the average for the month was 63.1 minute. The Grand played twice daily at intervals of from 8 to 15 hours; the Daisy played at 75 to 90 minute intervals, Riverside at 7 hour intervals; Giant played at 8:45 a.m. July 9th and also is reported to have played at night on the 29th; Giantess played from 1 p.m. July 30th to July 31st p.m., over 24 hours' duration. An earthquake tremor was felt at Upper Basin at 11:25 p.m. on July 28th. Duration, 3 seconds.

Norris Geyser Basin: Onyx Spring, which at the beginning of the season was boiling very little, erupted around the 1st of July, and for about ten days remained a roaring steam vent. Then it died down and refilled again and is now throwing water about four feet but is quite irregular. Constant Geyser also remained quiescent until the first week in July when it began playing at about 3 minute intervals for a couple of days. Since then it is not so regular. The Whirligig is the only geyser which has not changed this spring. It plays at 20 minute intervals and plays for about 18 minutes. Mud Geyser erupted on the 22nd of July throwing a column of water about 40 feet in height but no mud. Valentine Geyser is very irregular. It played on the 6th, 15th, 22nd and 25th and throws a stream of water 30 to 40 feet in height. The Minute Man does not play every minute as its name indicates. The water in Congress Pool has receded about 16 inches in the last ten days. There are several unnamed pools that are quite interesting. One across the basin from Black Growler played on July 10th and threw a column of water about 50 feet high. Another small pool in the middle of the basin erupted on July 27th.

[illegible] [illegible] to be under 5 years of age, and a large [illegible] of women who had been a familiar figure on the [illegible] during the past several years.

Fishery Inspector [illegible] is evidence of interest to report [illegible] activities [illegible] this time.

Game Wardens [illegible] are assisting [illegible] and [illegible] the usual duties of general inspector.

Game - [illegible] are [illegible] of [illegible] violations during the [illegible] because of [illegible] authority of the [illegible] assigned to the [illegible] that they [illegible] in [illegible] or [illegible] as all [illegible] within the [illegible]. The total [illegible] this month to August 1st is 355 as compared with 1312 to August 1st last year and 1020 to August 1st, 1939.

Fishing - [illegible] from [illegible] stations [illegible] of [illegible] from the lakes and streams of the [illegible] the month ending [illegible] [illegible] of [illegible] required for the month of June, [illegible] a total of [illegible] for months to date, as compared with [illegible] to August 1st last year, [illegible] to August 1st, 1939, [illegible] to August 1st, 1938, and [illegible] to June, 1st, 1937.

Fish Planting - Mr. G. F. Bolier, in charge of the Branch of Fisheries activities in the [illegible], advises that the planting of fry and fingerlings in [illegible] waters has been in progress during the month, [illegible] is not prepared at this time, however, to submit a report on the planting that has been made to date, but a full report of the [illegible] made by the associations will be submitted at the conclusion of their activities late in August.

Q.O. - Inland Fisheries - [illegible] the [illegible] the [illegible] [illegible] of [illegible] [illegible] on the basis of [illegible] day, was [illegible] the average for the month was [illegible] above. The [illegible] which [illegible] of [illegible] [illegible] to [illegible] [illegible] [illegible]

A very unusual occurrence was the eruption of Giant Geyser on August 1st and again on August 3rd.

Mammoth Hot Springs Terraces: During the month of July there have been few changes in the formations at Mammoth. The new spring on Old Angel is more active than at this time last month and delicately tinted algae are growing there. There is also an increase in the amount of water flowing over the older part of Jupiter near Pulpit. The activity at the top of Jupiter and over that entire bench is holding about the same as last month, which is considerably above that of many preceding seasons. Sinter blocks have been placed in the various springs by the Geophysical Laboratory of the Carnegie Institution to measure the rate of deposition of travertine by the different waters. The results of this experiment will give scientists some entirely new material. It was found at Hymen Terrace that in ten days a sinter block with a diameter of one inch was buried beneath five inches of porous travertine of a friable nature. New signs have been placed on the Terrace Trail by the Naturalists' Division and there are hundreds of visitors daily. As many as six deer have been seen by one guide party during the month. Large bull, or gopher, snakes are seen daily near the trails.

Buffalo and Other Ranch Operations: The activities at Buffalo Ranch have consisted principally of the work preliminary to the haying season, irrigation of the hay lands, maintenance and upkeep of ditches and headgates, fences, corrals, buildings and grounds. One man has been with the buffalo herd on Cache Creek, Miller Creek and Mt. Norris throughout the month. Hay harvesting will begin on August 1st. Harvesting began at the Slough Creek Ranch on the 30th and 50 acres have been cut to date. The curing and stacking will probably be somewhat delayed on account of frequent showers. The first cutting at the Gardiner Ranch was started on the 12th and the hauling and stacking was completed on the 20th. There is approximately 45 tons of new hay now on hand at this point. Harvesting at the Game Reservation Ranch was in progress from the 20th to 31st inclusive. 60 acres of land were harvested and the estimated yield is 150 tons. The estimated tonnage at all the ranches will be submitted in the August report. The correct tonnage, based on measurements, will probably not be determined until on or about September 15th.

A very unusual, considerable use the crystals of Lost Angent on August 1st and again on August 3rd.

Elements not during Garnsey during the month of July there have been the changes in the distribution of Ternary. The new crystal on 14 August is more active than at this time last month and definitely tinted algae are growing there. There is also an increase in the amount of water flowing over the slant part of Algiers over Tangier. The activity of the top of Tangier was over that active month in making about the same as last month, which is considerably more than of many previous summers. Slower climbs have been placed in the routine equipment by the geophysical laboratory of the Burnelle Institution in number for more of depositions of transition by the different states. The results of this experiment will give estimate some activity was material. It was found at Sphere Barrens that in the days a slower climb with a director of any look was world amounts five inches of gorges investing of a fatigue nature. The slope have been placed on the barrens first by the Johnsville' Dirtins and there are quantity of visitors daily. In many of all these have been seen by men quite early during the month. Large hail, or gypsum, masses are seen daily over the trails.

Bulbin and Other Bands Have Slept: The activities of Bulbin Bands have changed principally of the work preliminary to the laying mines, irrigation of the hay lands, maintenance and upkeep of ditches and reservoirs, houses, barns, buildings and grounds. Cut are has been with the outside work in Camp Green, Miller Creek and Ik. Barrie throughout the month. Hay harvesting will begin on August 1st. Harvesting began at the Clough Ranch on the 25th and 10 acres have been cut to date. The curing and stacking will probably be somewhat delayed on account of frequent showers. The first cutting of the Dunlaver Ranch was started on the 12th and the hauling and stacking has progressed to the 20th. There is approximately 25 tons of new hay on hand at this point. Irrigation at the Dunlaver Ranch was in progress from the 20th to 31st inclusive. 50 acres of land were fertilized and the estimated yield is 150 tons. The estimated tonnage of all the ranches will be satisfied in the August report. The correct tonnage, based on measurements, will probably not be forwarded until on or about September 15th.

500 - Use of Park Facilities by the Public

510 - Increase or decrease in travel

The travel report of the Chief Park Ranger for July 1927 together with a table of comparative figures on the travel to August 1st, 1927, 1926 and 1925 are attached hereto; also a statement of private automobile travel as classified by states for the 1927 season to August 1st. It will be noted from these figures that the private automobile travel and total travel records of preceding seasons have been exceeded. The total travel this season to August 1st was 105,240, as compared with 103,699 to August 1st last year (the previous high record) showing a gain of 1541 and an increase of 1-2/5%. Private automobile travel shows a gain of 2451 and an increase of 3% over the previous high record of last year.

Rail travel shows a loss of 697 and a decrease of 3% when compared with the figures of last year, and a loss of 3132 and a decrease of 13% when compared with the record rail travel of the season of 1925.

520 - General weather conditions

521 - In the park

The following is submitted by E. H. Fletcher, Meteorologist of the Weather Bureau at Mammoth Hot Springs:

TEMPERATURE: Monthly mean, 60.8° is 0.7° below normal. A permanent reaction to warmer weather, following the persistently cool spring and early summer, did not set in until about the middle of the month, although a portion of the second week was rather warm for the season. A cool period was in progress again at the end of the month. The highest was 87° on the 18th, and the lowest 33° on the 16th.

PRECIPITATION: Total, 0.42 inch, is 0.76 inch below normal, and consisted only of a few light showers.

SNOWFALL: None.

WIND: Average hourly velocity 6.8 miles; normal 6.9. The maximum velocity was 35 miles per hour from the south on the 2nd.

SUNSHINE: Percentage of possible 73; normal 73. Number of days clear 14, partly cloudy 16, cloudy 1, with precipitation 8.

§20 - Use of Peak Precipitation by the Trends

§20 - Insurance for Increase in Normal

The Normal Amount of the rain of that Danger for only 1907 Consequence with a basis of comparative figures on the Normal to August 1st, 1907, 1908 and 1909 are at Normal Results also a statement of private Insurance Normal as allowed by areas for the 1907 season in August 1st. It will be being from these figures that the private insurance trends and about average results of precedent seasons have been measured. The total Normal this season in August 1st was 157,000, as compared with 147,000 as August 1st have year 1908 previous high record, showing a gain of 10% and an increase of 1-5/9%. Private insurance normal above a gain of 24% and an increase of 3% over the previous high record of last year.

All Normal shows a loss of 6% and a decrease of 3% when compared with the figures of last year, and a loss of 11% and a decrease of 3% when compared with the average full normal of the season of 1907.

§20 - General Weather Conditions

§21 - In the June

The following is published by U. S. Climatic, Meteorologist of the Weather Bureau at Boston for October

Conditions Monthly Rain, 0.6" is 0.7" below normal. Sunshine possible in warmer weather, following the precipitation and spring and early summer, the dry rate is well above the mills of the month, although a portion of the second week and October was for the season. A very period was in progress quite at the end of the month. The highest was 8" on the 16th, and the lowest 32° on the 15th.

Prevailing wind, 0.6 lack, is 0.7% less below normal, and prevailed only of a the first summers.

Sunshine Dues.

High average hourly velocity 6.8 miles normal (6.9). The maximum velocity was 35 miles per hour from the south on the 2nd.

Sunshine percentage of possible 72% normal 73. Number of days clear 14, partly cloudy 10, cloudy 6, with precipitation 8.

540 - Special Visitors

Dr. E. T. Allen of the Geophysical Laboratory, Carnegie Institution, Washington, D. C., who came into the park on June 20th via Gardiner is still here.

The Valley Ranch Boys' party arrived July 5th via Cody and will leave August 15th for the ranch. There are 49 in the party.

The Valley Ranch Girls' party arrived via Cody on July 4th and will camp in the park until the 15th of August when they will leave for the ranch. There are 48 girls in the party.

Mr. Mole Wineman of 215 South Euclid ave., Pasadena, Calif., arrived via West Yellowstone on June 23rd and is still here taking pictures which he will donate to the National Park Service. He was the guest of Mr. and Mrs. Ray R. Marsh of 2651 Visscher Place, Altadena, Calif., at Mammoth Hotel for a few days after his arrival here.

Mr. J. H. Brunson of Louisville, Nebraska, who came into the park via Gardiner on July 5th, is still here in connection with fish cultural work. He will probably remain in the park until some time in September.

Dr. Arthur L. Day, Director of the Geophysical Laboratory, Carnegie Institution, Washington, D. C., arrived via Gardiner on July 22nd. Dr. Day is making investigations of the natural phenomena in Yellowstone, such as geysers, hot springs, etc.

Miss Helen Pool of Waco, Texas, with two friends, arrived via Cody July 16th and left via Cody on August 1st. She is a friend of Senator Mayfield of Texas, and is a representative of the Waco News-Tribune. Special attention was shown this party and they seemed very pleased with their trip through the park. Several letters were received from prominent persons of Waco thanking us for the special consideration shown these girls.

Hon. Fred B. Helms, Judge of the Mecklenburg County Court, Charlotte, N.C., arrived via the Cody gateway on July 29th. He left via Cody on Aug. 2nd.

Mr. Horace L. Lohnes, attorney for American Petroleum Institute, arrived via West Yellowstone on July 28th and left via the north gateway on August 1st. He presented a letter of introduction from Secretary Hubert Work.

Mr. K. C. Maranette, Director, The Touring Boys' Camp, 1351 Washtenaw Ave., Ann Arbor, Mich., with a party of boys arrived via Gardiner on July 13th. They left via the south entrance on August 3rd. They traveled in a Studebaker parlor car.

Mr. B. W. Greenburg, Secretary, Wyoming Automobile Club of Casper, Wyoming, arrived in the park on July 26th and left via Cody on the 28th. He was accompanied by Mr. Hanway of the Casper Tribune.

Mr. [illegible] T. Allen of the Geological Laboratory, Research Institute, Washington, D.C., was seen here on June 20th with the Geologist in still area.

The Riding Rocks boys' party arrived July 3rd via Cody and will leave August 15th for the woods. There are 49 in the party.

The Riding Rocks Girls' party arrived via Cody on July 4th and will camp in the park until the 17th of August when they will leave for the woods. There are 48 girls in the party.

Mr. Eric Hinson of 215 Lorne Street in Ft. Pembroke, Alta., writes the Park Superintendent on June 23rd and is still here trying photos which he will forward to the Geological Survey Office. He was seen by Mr. [illegible] E. Jones of Mt. Theodore Place, Alexandria, Va., [illegible] for a few days after his arrival here.

Mr. A. E. Thomson of Cookville, Tennessee, who came into the park via Cody on July 5th, he will here in connection with film cultural work. He will probably remain in the park until some time in September.

Mr. Arthur L. Day, director of the Geophysical Laboratory, Carnegie Institution, Washington, D. C., arrived via Cody on July 7th. Mr. Day is making investigations of the natural phenomena in Yellowstone, such as geyser, hot springs, etc.

Five Young Pool of Iowa, Illinois, with her friends, arrived via Cody July 14th and left via Cody on August 1st. She is a friend of Member Hopkins of Iowa, and is a representative of the Iowa Inter-Racial Commission. Special attention was shown this party and they seemed very pleased with their tour through the park. Several letters were received from prominent members of that Association in for the special consideration shown these girls.

Mr. Fred D. Stone, Judge of the Revelstoke County Court, Revelstoke, B.C., arrived via the Cody gateway on July 23rd. He left via Cody on Aug. 3rd.

Mr. Thomas L. Lemon, attorney for Montana Petroleum Institute, arrived via West Yellowstone on July 24th and left via the North gateway on August 1st. He presented a letter of introduction from Secretary Ickes.

Mr. E. G. Schmeckle, Glendale, Ohio, Inspector Gen'l Dept. 1231 Lexington Ave., New Yorker, Hotel., with a party of boys arrived via Cameron on July 25th. They left via the West entrance on August 3rd. This Schools is a Protestant parter est.

Mr. G. L. Gunderson, Secretary, Greater Automobile Club of Denver, Colorado, arrived in the park on July 26th and left via Cody on the 27th. He was accompanied by Mr. Young of the Denver Tribune.

Mr. Victor Patrosso of the Harvey Company, Grand Canyon National Park, arrived via Gardiner on July 24th and left on the 29th. He was accompanied by Miss M. E. J. Coulter of the Kansas City office of the Harvey Company. They came for the purpose of observing the operations in Yellowstone Park in order to gain some ideas for the Grand Canyon development plan.

Mrs. Lillian Rivers, Secretary to Clement L. Ucker, Savannah, Ga., arrived on July 24th via West Yellowstone for the regular 4-1/2 day tour. She left via West Yellowstone on the 29th. Mrs. Rivers is making an extended western trip intending to visit several National Parks. Mr. Ucker was formerly Chief Clerk of the Dept. of the Interior.

Hon. Scott Leavitt, Congressman from Montana, arrived via Gardiner on the 26th in his own car. He was accompanied by Mrs. Leavitt. They were met at Old Faithful by Mrs. Leavitt's sister, Mrs. W. A. Graham of Oregon and her husband. They left via Gardiner on the 29th.

Mrs. D. A. Curry, President of Yosemite Park & Curry Company, Yosemite National Park, came into the park via the west entrance on July 26th. She left via Gardiner on July 28th, for Mt. Rainier Park. She was the guest of Mr. Child, President of the Yellowstone Park Hotel Company, while here.

On July 24th a party of about 30 delegates from the National Federation of Business & Professional Women arrived via West Yellowstone. They left via the west gate on July 28th.

Mr. George White of Marietta, Ohio, former Member of Congress (3 terms) and former Chairman, Democratic National Committee, accompanied by Mrs. White and their three boys, arrived via Gardiner on July 15th and left via Cody on the 26th. Mr. White is a friend of Major General Jadwin, Chief of Engineers, War Department, and also a friend of Director Mather.

Mr. George Bird Grinnell of 238 East 15th St., New York City, came in via Cody on July 25th and left via Gardiner on the 27th.

Mr. Colvin B. Brown of the U.S.Chamber of Commerce, Washington, D. C., came in via West Yellowstone on July 18th and left via Gardiner on July 27th.

Rochester Tour, consisting of about 140 people, came in via West Yellowstone on July 23rd and left via the same gateway on July 26th. This party consisted of Washington, D.C. people.

Mr. James R. Wick, Official Reporter of Debates, U.S.Senate, Washington, D.C., came in via Gardiner on July 21st and left via Cody on the 26th. He was accompanied by Mrs. Wick. Mr. Wick took the hearings on the Hertz Drivurself question.

Mr. Roger Babson, industrial Writer and statistician, came in via the Gallatin gateway on July 21st and left via the same gateway on July 25th. He was accompanied by Mrs. Babson.

Mr. F. C. Kittridge, Engineer, Bureau of Public Roads, came in via West Yellowstone on July 10th and left via Gardiner on July 21st. He left for Glacier Park with Dr. L. I. Hewes, also of the Bureau of Public Roads.

Mr. Fisher Patterson of the Sarnoff Company, Great Neck Estates, arrived via Gardner on July 9th and left on the 27th. He was accompanied by Miss M. E. O. Chairman of the Sarnoff City office of the Sarnoff Company. They came for the purpose of observing the operations in Television-stage 1 in order to gain some idea for the local Cargo development plan.

Mrs. Gillian Brown, secretary to Clement D. Baker, Pawtucket, R.I., arrived on July 9th via Gate Reservations for the regular 4-H Club tour. She left via Gate Reservations on the 27th. Mrs. Brown is making an extended western trip travelling to visit several National Parks. Mr. Baker was formerly Major Wires of the Dept. of the Interior.

Mrs. Doris Lewis, Congressman from Ft. Bend, arrived via Gardner on the 9th in his own car. He was accompanied by Mrs. Lewis. They were met at the Airport by Mrs. Lewis's sister, Mrs. T. L. Graham of Oregon and her husband. They left via Gardner on the 27th.

Mrs. D. A. Perry, President of Jewelry Fore & Stern Company, Tacoma, Washington, came into the port via the West entrance on July 9th. She left via Gardner on July 10th, for Mr. Robert Fore. She was the guest of Mr. Bill, President of the Yellowstone Park Hotel Company, while here.

On July 12th a party of seven 3D delegates from the National Association of Engineers & Project Local Teams arrived via Gate Reservations. They left via the West gate on July 27th.

Mr. George Allen of Lafayette, Ohio, former Member of Congress (3 terms) and former Chairman, Industrial Committee, accompanied by Mrs. Allen was their guest here, arrived via Gardner on July 13th and left via Gate on the 27th. Mr. Allen is a friend of Major General Jackson, Chief of Engineers, Army Engineers, and also a friend of Director Fahrney.

Mr. George Ann Brinnell of 320 Lake Ave. Mr. Fan City, came in via Gate on July 25th and left via Gardner on the 27th.

Mr. Calvin L. Jones of the U.S. Department of Commerce, Washington, D.C., came in via Gate Reservations on July 16th and left via Gardner on July 27th.

Gardner Tour, consisting of about 150 people, came in via Gate Reservations on July 23rd and left via the same gateway on July 30th. This party consisted of Washington, D.C. people.

Mr. Alan E. Fish, Official Reporter of Debates, U.S. Senate, Washington, D.C., came in via Gardner on July 23rd and left via Gate on the 27th. He was accompanied by Mrs. Fish. Mr. Fish took his hearings on the Joint Atomic Energy Committee.

Mr. Roger Mason, Industrial Writer and Publicist, came in via the Gardner gateway on July 23rd and left via the same gateway on July 27th. He was accompanied by Mrs. Mason.

Mr. A. O. Aldridge, Engineer, Bureau of Public Roads, came in via Gate Reservations on July 10th and left via Gardner on July 23rd. He left for Glacier Park with Mr. L. E. Howe, also of the Bureau of Public Roads.

Mr. A. J. Breitenstein, Secretary, Montana Automobile Assn., Helena, Mont., accompanied by Mr. and Mrs. A. H. Syverson of Spokane, Wash., Mr. and Mrs. W. G. Oves, also of Spokane, Mr. and Mrs. Frank Venable of Butte, Mont., and Mr. and Mrs. W. G. Ferguson and sister of Helena, Mont., came in via Gardiner on July 7th and left via the same gateway. Mrs. Breitenstein was also in the party. They toured the park after attending the convention of Commercial Club Secretaries in Livingston.

California Camera Club of 75 people came in via West Yellowstone on July 5th and left via the west gate on the 11th.

Mr. Carl R. Gray, President, Union Pacific System, accompanied by Mr. E. E. Adams, Vice President of the Union Pacific, Mr. W. E. Basinger, P.T.M., and Mr. D. S. Spencer, G.P.A., Union Pacific, came in via West Yellowstone on July 9th and left via the same gateway on July 10th.

Mr. B. E. Harlan, Secretary, Iowa State Historical Society, Des Moines, Iowa, came in via the east entrance on July 5th. He was in the office on July 9th. Mr. Harlan was one of the speakers at the Buffalo Bill Memorial dedication in Cody on July 4th.

Mr. W. S. Fitzpatrick, Chairman, Prairie Oil & Gas Company, Independence, Kansas, traveling in own car with friends, arrived via Cody on July 4th and left via the south gate on the 10th.

Mr. Charles P. Light, of the National City Company, 741-15th St., N.W., Washington, D.C., accompanied by wife, arrived via West Yellowstone on July 5th and left via the same gateway on July 9th.

Mr. Clifford K. Berryman, Cartoonist for the Washington Star, Washington, D.C., accompanied by wife and daughter, came in via West Yellowstone on July 4th and left via the same gateway on July 8th.

Hon. Frederick W. Magrady, Congressman from Pennsylvania, with his wife, came in via the western entrance on July 3rd and left via the same gateway on July 8th.

Mr. Robert L. Loughran of the Camp Fire Club of New York, with Mrs. Loughran, who were visiting at the Elkhorn Ranch, came into the park for a few days and returned to the Elkhorn Ranch.

St. Louis Ad Club, consisting of about 17 people in party, arrived via West Yellowstone on July 4th and left via the same gateway on July 8th.

Mr. Charles H. Schwappe, Manager of Lee, Higginson & Co., Chicago, Ill., with his family, came in to the office on July 7th and left via Gardiner that evening.

Sixth District Advertising Clubs party of about 150 people came in via West Yellowstone on July 3rd and left via the same gateway on the 7th.

Mr. A. A. Anderson, Superior, Nebraska Automobile Assn., Salem, Mass., accompanied by Mr. and Mrs. A. E. Greene of Gloucester, Mass., Mr. and Mrs. W. H. Owen, Miss Ar Sparkman, Mr. and Mrs. Frank Tuscola of Salem, Mass., and Mr. and Mrs. W. E. Ferguson and daughter of Salem, Mass., came in via Gretlmer on July 7th and left via the same gateway. Mrs. Anderson was also in the party. They toured the park after attending the convention of Commercial Club Secretaries in Washington.

California Tourist Club of 75 people came in via Fort Yellowstone on July 9th and left via the west gate on the 11th.

Mr. Carl E. Ryan, President, Union Pacific System, accompanied by Mr. J. E. Lowe, Vice President of the Union Pacific, Mr. J. E. Dalager, T.P.A., and Mr. R. C. Spencer, G.A.A., Union Pacific, came in via Fort Yellowstone on July 9th and left via the same gateway on July 12th.

Mr. J. E. Burton, Secretary, Iowa State Electrical Society, Des Moines, Iowa, came in via West entrance on July 9th. He was in the office on July 9th. Mr. Burton was one of the speakers at the Nebraska Hill Annual Meeting in Omaha on July 6th.

Mr. W. E. Fitzsimmons, President, Fidelity Oil & Gas Company, Indianapolis, Ind., accompanied by his wife, friends, arrived via Gate on July 4th and left via the south gate on the 10th.

Mr. Charles F. Kight, of the National City Company, Tri-Lyon Bldg., Washington, D.C., accompanied by wife, arrived via Fort Yellowstone on July 9th and left via the same gateway on July 9th.

Mr. Clifford C. Harrison, Secretary for the Washington Fire, Casualty Co., accompanied by wife and daughter, came in via Fort Yellowstone on July 9th and left via the same gateway on July 9th.

Mrs. Frederick C. Donnelly, Chairman from Pennsylvania, with his wife, came in via the western entrance on July 3rd and left via the same gateway on July 5th.

Mr. Robert L. Langford of the Long Jim line of Des Moines, with Mrs. Langford, who were visiting at the Glacier Hotel, came into the park for a few days and returned to the Glacier Hotel.

Mr. Louis H. Cox, consisting of about 17 people in party, arrived via Fort Yellowstone on July 8th and left via the west gateway on July 9th.

Mr. Charles S. Dougherty, Manager of Ins. Algiersen & Co., Chicago, Ill., with his family, came in by the office on July 7th and left via Gardiner the same evening.

Stock Exchange Investigating Office party of about 150 people came in via Fort Yellowstone on July 3rd and left via the same gateway on the 7th.

Advertising Club of Chicago party of about 20 persons arrived via West Yellowstone on July 3rd and left via the same gateway on the 7th.

Dr. Herbert S. Brown, of Olivet Congregational Church, Bridgeport, Conn., came in via Gardiner on July 3rd and left via the same gateway on the 7th.

Hon. Wesley L. Jones, U. S. Senator from Washington, came in via the south entrance on July 4th and left via Gardiner on the 6th.

Mr. H. G. Peabody, P. O. Box 111, Pasadena, Calif., came in via the west gate on June 26th and left via the same gateway on July 6th. Mr. Peabody is a photographer and has made some wonderful pictures of the parks, as well as motion pictures. He went to Bryce from here.

Mrs. Louise Savage, sister of Thomas Cochran of New York, with her husband and boy and Bishop Cross and wife from Spokane, Wash., came in via Gardiner on July 4th and they went to Silver Tip Ranch where they remain until some time in August. Early in August Mrs. Bliss and her family, also from New York, arrived at the ranch where they expect to spend the month of August.

Advertising Club of Columbus, Ohio, party of about 40 arrived via West Yellowstone on July 2nd and left via the same gateway on July 6th.

Detroit Advertising Club party of about 15 persons arrived via West Yellowstone on July 2nd and left via the same gateway on the 6th.

Mr. M. G. Leipheimer, Editor, Anaconda Standard, Anaconda, Mont., came in via the Gallatin gateway on July 19th and left via West Yellowstone on July 21st.

The Misses M. J., M. M. and M. T. Carlton, sisters of Newcomb Carlton, President of the Western Union, accompanied by Dr. M. F. Warner, traveling in their own car, entered at West Yellowstone on July 13th and left via Gardiner on July 23rd.

Hon. T. J. B. Robinson, U.S.Congressman from Iowa, 3rd District, Hampton, Iowa, accompanied by Mrs. Robinson and daughter, Mrs. Dorothy R. Clinton, came in via Gardiner on July 20th and left via Cody on the 24th.

Herbert Hoover, Secretary of Commerce, came in via Cody on July 22nd and left via West Yellowstone on July 23rd. He was accompanied by Mr. G. C. Leach of the Bureau of Fisheries.

As stated above, Mr. Arthur Breitenstein, Secy. and Mgr. of the Montana Automobile Association, Mr. A. H. Syverson and Mr. W. G. Oves of the Tourist Bureau of the Spokane Chamber of Commerce and Mr. Frank Venable, Mgr. of the Butte Chamber of Commerce, were in my office on July 8th and discussed with me road conditions in Montana. Permission was given them to go around and talk to the rangers in Yellowstone and give them authentic information in regard to the condition of roads throughout the state.

Sportsmen's club of Gainesville, Ga., 40 persons arrived via East Tallassee on July 3rd and left via the same gateway on the 7th.

Dr. Gregory H. Brown, of Oliver Sanatorium, Atlanta, Ga., with 12 relatives on July 3rd and left via the same gateway on the 7th.

Mr. Young - Jones, E. G. Hamner Gun Company, come in via the north entrance, on July 4th and left via Hamilton on the 5th.

Mr. C. S. Jenkins, C. O. 4th Lt. Pioneers, Atlanta, Ga., came in via the west gate on June 4th and left via the same gateway on July 6th. Mr. Jenkins is a photographer and has some very colorful pictures of the place, as well as motion pictures. He went to Argos from here.

Mrs. Louise Lewis, sister of Thomas Lawrence of Sun Dial, with her husband and two children came and with them [illegible], came in via Hamilton on July 4th and they went to Oliver Sp. Lewis about this month with some to Argos. Early in August Mrs. Allen and her family, also from New York, arrived at the same place they expect to spend the remainder of August.

Sportsmen's club of Gainesville, Ga., party of seven 7 arrived via East Tallassee on July 3rd and left via the same gateway on July 6th.

Sportsmen's Sporting Club party of about 15 persons arrived via East Tallassee on July 3rd and left via the same gateway on the 6th.

Mr. M. L. Leighsbury, Milton, Lawrence Lumsden, Jonesville, Ind., came in via the Hamilton gateway on July 4th and left via East Tallassee on July 7th.

The Misses E. L., E. B. and M. T. Jenkins, sisters of Dwight Jenkins, President of the Tenaru Guard, accompanied by Mr. J. T. Elmer, travelling in their own car, arrived at East Tallassee on July 17th and left via Hamilton on July 21st.

Mr. S. L. de Molines, C.O. Government Gun Lines, 3rd Artillery, Langton, Ions, accompanied by Mrs. Molines and daughter, Mrs. Dorothy de Molines, came in via Hamilton on July 20th and left via East on the 22d.

Bishop Moore, President of Cameron, came in via Hamilton on July 22d and left via East Tallassee on July 23rd. He was accompanied by Mr. T. Lewis of the Bureau of Plankton.

Mr. Randal Morgan, Mr. Arthur Mcintosh, Jr., and Mr. of the Nations Assembly Commission, Mr. H. E. Grayson and Mr. H. E. Tyre of the Tourist Bureau of the Japanese Chamber of Commerce and Mr. Frank Tomita, Sgt. of the Swiss Chamber of Commerce, came in on July 3rd and departed with us on July 6th and visited in Boston. Tomita was given time on an errand and said to be engaged in Italian and Jap Town [illegible] Japanese in Argos on the usual date of week terminating the 6th.

Mr. and Mrs. Julius Goodman of Memphis, Tenn., with son and daughter, arrived in the park some time about the 20th of July. The date of their leaving is not known. They presented a letter of introduction from Mr. J. G. Teicher of Denver, Colo.

Mr. R. C. Reamer, architect, Seattle, Wash., entered the park at Gardiner on July 16th and left via the same gateway on July 19th.

Mr. Frank J. Maloney, driving a Chevrolet "Park-to-Park Car", accompanied by Mr. A. R. Parker, Chevrolet Zone Manager from Butte, Mont., arrived in the park on July 18th via Gardiner and left via the same gateway on July 21st.

Mr. Thomas C. Stephens, Professor of Zoology, Morningside College, Sioux City, Iowa, with a party of students, came into the park the first week in July and were here about three weeks. There were about 20 in the party.

Mr. R. A. Spaulding, ex-Governor of New Hampshire, came in via West Yellowstone on July 16th and left via the same gateway on July 19th. He was with a Raymond-Whitcomb party. This was his first visit to Yellowstone.

Baron Helmuth F. Frh. von Maltzahn, a relative of the German Ambassador to the U.S., accompanied by H. S. Schonland, Government student at Yale University School of Forestry, from South Africa, came in via Cody on July 18th in own car and left via Gardiner on the 21st. They are making a trip through the West by auto primarily for the purpose of studying western timber.

Dr. A. R. Crook, Chief of State Museum, Division of Illinois, accompanied by Mrs. Crook and children, came into the park some time about the 12th and left via Gardiner on July 19th. Mr. Crook was here for the purpose of collecting geological specimens.

Rear Admiral H. B. Wilson, U.S.N.Retired, In Charge Atlantic Fleet, entered the park at the west gate on July 14th and left via Cody on July 18th.

Dr. Thomas Glenn, scientist and friend of L. J. Burrud, Hollywoodland, 2690 North Beachwood Drive, Los Angeles, Calif., came in via the west entrance some time about the 16th. It is not known when he left the park.

Iowa State College party in charge of P. H. Elwood, Jr., Professor of Landscape Architecture, traveling in their own cars, came in via the East entrance about June 26th and left for Glacier Park on July 2nd.

Mr. W. Leroy Perkins, Associate Professor, Geography and Geology, Indiana State Normal School, and party of 21, came in via Cody on July 5th and left via the same gateway. This party was making an inter-park tour, going from Yellowstone to Rocky Mountain National Park.

Hon. Reed Smoot, U.S. Senator from Utah came into the park via West Yellowstone on July 13th and left via Gardiner on July 17th. He was en route to see the President at Rapid City, Mr. and Mrs. Carlyle Kibley, his son-in-law and daughter, and his son, Marlow Smoot, and grandson Seth, of Provo, Utah, accompanied him.

Dr. and Mrs. Julius Gaskins of Saegrie, Texas, with his son and daughter, arrived in the park some time about the 20th of July. The date of their leaving is not known. They presented a letter of introduction from Dr. W. E. Tolmer of Denver, Colo.

Dr. R. G. Hamer, economist, Austin, Texas, reached the park on Saturday a week later and left via the same gateway on July 12th.

Dr. Frank A. Blakney, driving a Dominion "Park-to-Park Car", accompanied by Dr. L. B. Frazier, Universal Law Company from Delta, Ohio, arrived in the park on July 12th via Gardner and left via the same gateway on July 21st.

Dr. Thomas G. Sturgeon, Professor of Zoology, Stockbridge College, Ohio, July, 1924, with a party of students, came into the park the first week in July and were here about three weeks. There were seven in the party.

Dr. D. A. Brandling, co-author of Ten Lessons, came in via Yost Junction on July 12th and left via the same gateway on July 19th. He was with a Chicago-Oklahoma party. This was his third visit to Yellowstone.

Prof. Edward F. Rob, von Ballenbe, a relative of the German ambassador to the U.S., accompanied by Dr. [illegible], Professor, student at Yale University School of Forestry, from South Africa, came in via Cody on July 12th to Lake and left via Gardiner on the 21st. They are making a trip through the West by auto primarily for the purpose of studying western timber.

Dr. A. E. Crook, Chief of Clinic Surgeon, Division of Illinois, accompanied by Mrs. Crook and children, came into the park some time about the 12th and left via Gardiner on July 19th. Dr. Crook was here for the purpose of outlining sociological questions.

Rear Admiral E. W. Nixon, U.S.N. Retired, in charge academic field, entered the park on the same date as Dr. Crook left via Cody on July 19th.

Dr. Thomas Jones, accompanied by Frank M. Jones, Bellingham, Wash., Northwestern Lumber Co., Seattle, Wash., came in via the West entrance some time after the 12th. It is not known when he left the park.

Some Eight College party in charge of Dr. H. Glenn, Dr., Professor of Landscape Architecture, travelling in their own cars, came in via the East entrance about June 23rd and left for Glacier Park on July 2nd.

Dr. V. Leroy Prentice, Associate Professor, Surgery and Gynecology, Indiana University School, and party of 22, came in via Cody on July 5th and left via the same gateway. This party was working on Indian lore, going from Yellowstone to Glacier Blackfeet Reservation.

Mrs. Jane Dowell, U.S. Consular from Ulan Bator, came into the park via Yellowstone on July 12th and left via Gardiner on July 17th. She was on road to Mexico, Washington at Eight City. Mr. and Mrs. Dowell, Kirk, Wyo., in-law and daughter, and his son, Junior Dowell and graduate Yale, at Prof. Ohm, Professor Sta-

Massachusetts Forestry Association party, in charge of W. L. McAvey, arrived via Lander on July 10th and left on the 16th.

Lester Maynard, U. S. Consul at Havre, France, called at the office on July 17th and presented a card of introduction from Mr. Mather. He left via Cody on July 18th.

Mr. Thomas Cooper of Casper, Wyoming, traveling in own car, was in the office on July 14th. He left via Snake River on the 16th.

General Mason M. Patrick, Chief of Air Corps, U. S. Army, Washington, D.C., came in via Gardiner on July 12th and left via the same gateway on July 17th. He was traveling alone.

Mr. Adolf Muller of Morristown, Pa., came in via West Yellowstone on July 12th and left via the same gateway on July 15th. Mr. Muller is an ardent Waltonian and member of the Pennsylvania Game Commission. He came for the purpose of taking motion pictures of animal life.

Mr. George P. Beach, Town Counsel, Montclair, N.J., accompanied by Mr. Schieren and his son, came in via Cody on July 13th and left via the south gate on the 16th.

Mr. James L. Gavin, Beta Theta Pi Fraternity, Hume Mansur Building, Indianapolis, Ind., accompanied by Mr. John A. Blair and members of the Board of Directors of Beta Theta Pi Fraternity, arrived via Gardiner on July 4th and left via Gardiner on the 10th.

New York Evening Graphic Party, consisting of 115 people, came in via West Yellowstone on July 9th and left via the same gateway on July 14th.

Mr. A. P. Thoms, Commonwealth Edition Company, Edison Building, Chicago, Ill., accompanied by Mrs. Thoms and two children, came in via Cody on July 9th and they were in the office on July 12th. It is not known when they left the park.

Colonel Raymond Robins, Chicago, Ill., with Mrs. Robins and two daughters, came in via the west entrance on July 7th and left via Cody on the 14th.

Mr. John Clyde Oswald, a writer of considerable prominence and member of National Arts Club, came in via West Yellowstone on July 10th and left via Cody on the 14th. Mr. Oswald is a member of the National Parks Committee of the National Arts Club and is interested in national parks.

Frank Reedy party of 75 came in via West Yellowstone on July 9th and another party of 25 came in the same day.

Mr. Otto F. Pfordte, of Cairo, N.Y., member of American Institute of Mining and Metallurgical Engineering, came in via Cody on July 4th and left via Gardiner on July 13th.

Commonwealth Forestry Institutions party, in charge of F. L. Lainey, arrived via London on July 12th and left on the 15th.

Lieut. Colonel, U. S. General at Rome, Italy, noted at the office on July 17th and presented a card of introduction from Dr. Cooper. He left via Italy on July 18th.

Dr. Thomas Cooper of Cooper, Tyndall, Travelling in Rome, was in the office on July 14th. He left via Italy after on the 16th.

General Jesus M. Castillo, Minister of Air Force, U. S. Army, Washington, D.C., came in via Italian on July 17th and left via the same getaway on July 17th. He was travelling alone.

Mr. Lalit Mohan of Institutes, Pa., came in via Swiss Telephone on July 16th and left via the same getaway on July 16th. Mr. Mohan is an student Fellowship and member of the Pennsylvania Game Commission. He came for the purpose of taking motion pictures of animal life.

Mr. George H. Jacob, Iowa General, Omaha, Nebr., accompanied by Mr. Gaskarova and his son, came in via Italy on July 17th and left via the south gate on the 18th.

Mr. Vinton L. Arvin, Pres. Sales Pl Pres-Mfg, Home Manor Building, Indianapolis, Ind., accompanied by Mr. John R. Clair and members of the board of directors of Sale Corp. Pl Pres-Mfg, arrived via Germany on July 13th and left via Germany on the 16th.

New York Jewelry Group, consisting of 12 people, came in via Swiss Telephone on July 7th and left via the same getaway on July 11th.

Mr. L. F. Zinn, Commonwealth Edison Company, Edison Building, Chicago, Ill., accompanied by Mrs. Zinn and two children, came in via Italy on July 7th and they were in the office on July 12th. It is not known when they left the port.

Colonel Raymond Dodge, Chicago, Ill., with Mrs. Dodge and two daughters, came in via the Swiss getaway on July 7th and left via Italy on the 12th.

Mr. John Glynn Oswald, a worker of organizable promotions and member of Rotland Jazz Club, came in via Swiss Telephone on July 10th and left via Italy on the 12th. Mr. Oswald is a member of the Rotland Jazz Committee of the Rotland Arts Club and is interested in national parks.

Fifty Boy Scouts of 75, came in via Swiss Telephone on July 7th and another party of 25 came in the same day.

Mr. Jess F. Lipsky, of Chicago, Ill., member of Northern Institute of Mining and Metallurgical Engineering, came in via Italy on July 8th and left via Germany on July 12th.

600 - Protection

610 - Police protection

Proceedings were had before the United States Commissioner as follows:

Name & Address	Offense	Disposition
Floyd K. Nowels, Los Angeles, Calif.	Drunken and disorderly conduct.	Fined $50 and costs.
Leslie E. Dillingham, Salt Lake City, Utah.	Drunken and disorderly conduct.	Fined $25 and costs.
G. R. Willets, Sea Girt, N. J.	Speeding.	Fined $15 and costs.
George V. Launey, Dallas, Texas.	Speeding.	Fined $10 and costs.
E. W. Walof, Alberta, Canada.	Speeding.	Fined $10 and costs.
Dr. R. S. Anthony, Los Angeles, Calif.	Speeding.	Fined $ 5 and costs.
E. R. Proctor, (Address not given.)	Speeding.	Fined $25 and costs.
F. F. Winger, Lovell, Wyoming.	Speeding.	Fined $10 and costs.
F. W. Lawton, Los Angeles, Calif.	Speeding.	Fined $19 and costs.

Total arrests and convictions - 9.

Several minor infractions of park regulations have been reprimanded or cautioned as determined by the merits of the particular case.

620 - Fire Protection

There have been no forest fires of importance this season to date. Seven small fires were observed and extinguished during the month. One occurred on the 7th at a point along the park boundary one-half mile south of West Yellowstone about 2 acres being burned over but there was no timber of value destroyed. It was extinguished by park rangers Winn and Miller and some volunteer fire fighters from West Yellowstone. It was caused by an abandoned camp fire. The identity of the offenders is not known.

An incipient fire was extinguished by park ranger Anderson on the 21st at a point near Pebble Creek on the Cooke City road. It is reported to have been caused by a cast off cigarette.

The second fire of the season in the West Yellowstone district was observed by Park Ranger Winn on the 24th. It was located at a point about 1/4 mile south of the West Yellowstone checking station on the forest reserve land

630 - Prosecution

630 - Police prosecution

Prosecutions were undertaken by the Police Force Commissioner as follows:

Name & address	Offence	Disposition
Hugo E. Gomez, San Ingacio, Cayo.	Possession and illegally selling.	Fined $50 and costs.
Lucio B. Hillsbury, Santa Ana Cayo.	Possession and illegally selling.	Fined $50 and costs.
G. H. Hilton, San Ignacio, Cayo.	Speeding.	Fined $15 and costs.
George T. Lamey, Belize, Cayo.	Speeding.	Fined $10 and costs.
G. H. Pelot, Alvarez, Cayo.	Speeding.	Fined $10 and costs.
Mr. A. C. Anderson, San Ignacio, Cayo.	Speeding.	Fined $ 5 and costs.
G. E. Proctor, Address not given.)	Speeding.	Fined $50 and costs.
F. T. Turner, Belize, Cayo.	Speeding.	Fined $10 and costs.
T. H. Lawrence, San Ignacio, Cayo.	Speeding.	Fined $15 and costs.

Total arrests and convictions - 7.

Several minor infractions of park regulations have been reprimanded or cautioned by detachment or the chiefs of the particular area.

640 - Fire Prevention

There have been no forest fires of importance this season to date. Some small fires were discovered and extinguished during the month. One occurred on the Y.M.-A a point along the pine ridge, approximately one-half mile south of Lost Tolinsville about 2 acres being burned over but there was no timber of value damaged. It was extinguished by park rangers Tim and Miller and some volunteer cive fighters from Lost Tolinsville. It was caused by an abandoned camp fire. The identity of the offenders is not known.

A campfire fire was extinguished by park ranger Miller on the 21st at a point near Tranis Creek on the Cayo City road. It is reported to have been caused by a cast off cigarette.

The second fire of the season in the Lost Tolinsville district was observed by Park Ranger Tim on the 26th. It was located at a point about 3½ mile south of the Lost Tolinsville Guesting station on the forest reserve land

bordering the park. About 1 acre was burned over before the fire was brought under control but there was no timber of value destroyed. This fire was also caused by an abandoned camp fire. We have not been successful in learning the identity of the persons responsible for these fires; serious consequences would have resulted if they had not promptly been discovered and quickly extinguished.

Four small fires occurred in the Old Faithful district, but no damage resulted as they were extinguished before they had passed the incipient stage. The usual care and attention has been given to the prevention of forest fires. There has been no serious fire hazard this season to date.

630 - Accidents

Mr. W. Hacker and wife of Clifton, N. J., suffered personal injuries and minor damage to their Buick car - New Jersey license #P-26187 - when their car left the road near the 6-mile post south of West Thumb. The extent of their injuries was not learned although they did not appear serious. Mr. Hacker admitted that he was at fault in attempting to pass over the road before it was opened to travel. It also appears that he was traveling at excessive speed. Date, July 30th, 1927.

Mrs. Martha D. Baer of Pennsylvania sustained loss of Ford car, Pennsylvania license #886876, on account of fire originating in motor of car. It was probably caused by leaky manifold or defective wiring. The car was almost totally destroyed. The wreck of the car was left in custody of the ranger in charge at Tower Falls station. Date July 1st, 1927.

Mr. Arthur W. Schmid, driving Buick car, Missouri license #49318, involved in collision with Yellowstone Park Camps Company truck #6. Minor damage was sustained by the Buick car. The estimated damage was shared equally by the parties involved on agreement reached through the efforts of Assistant Chief Ranger Greer. Date - July 9th, 1927.

Mr. Chester Shaw, driving White truck, Montana license #7377, drove truck off road in Lamar River Canyon on July 9th. He attempted to pass Buick car driven by B. C. Lacombe, Chief Buffalo Keeper, but did not have sufficient clearance and in order to avoid a collision drove his truck off the road. The incident occurred on a blind curve and was unavoidable. The truck was only slightly damaged. Mr. Shaw lost some provisions but sustained no personal injuries. There will be no claims for damages in this case.

Mr. Ray Welch of 14701 W. Ave., Cleveland, Ohio, involved in collision with another car. Mr. Welch was crowded into a ditch by the roadside and minor damages were sustained by both cars. The incident was regarded as unavoidable, and the cost of repairs adjusted by agreement of the parties involved. Date - July 12th, 1927.

Mr. William Malty, driving Jewett car, Washington license #136358, left road at point about 1 mile east of junction on Mammoth to Tower Falls

controlling the plane. Lance I were burned over before the fire was brought under control but there was no indication of value destroyed. This fire was also caused by an inexperienced camp fire. It does not seem necessary to instill the inability of the personnel responsible for these fires; serious consequences would have resulted if they had not promptly been discovered and quickly extinguished.

Two small fires occurred in the Old Pictorial District, but no damage resulted as they were extinguished before they had passed the tri-digital stage. The usual camp and picnic fires have been given in the previous of forest fires. Since the same be serious fire hazard this season to date.

Off - Patrolmen

Mr. T. Barker was sick at Gilles, E. C., suffered personal injuries and minor damage to truck being car - The Jersey Lightning July - when their car left the road near the 5-mile post north of Port Simon. The extent of their injuries was not learned although they did not appear serious. Mr. Barker stated that he was at fault in attempting to pass over the road before it was opened to travel. It also appears that he was travelling at excessive speed. Date, July 20th, 1927.

Mr. Lavina G. Baer of Pennsylvania sustained loss of foot car, Pennsylvania license 1000270, on account of fire originating in ashes of car. It was previously caused by lamp manifold or exhaustive wiring. The car was almost totally destroyed. The crank of the car was left in cooking of the ranger in charge at Tower Falls station. Date July 1st, 1927.

Mr. Arthur T. Sandt, driving Dodge car, Missouri license 4[illegible], involved in collision with Indianapolis Park Police Chevrolet truck No. [illegible] damage was sustained by the Dodge car. The collision occurred when Sandt equally by the parties involved on agreement reached through the efforts of assistant Chief Ranger Tower. Date - July 8th, 1927.

Mr. Clarence Shaw, driving Dodge truck, Kansas license 47777, injured truck off road in Lower Slough on July 7th. He attempted to pass Dodge car driven by A. C. Jacobs, Saint Louis Dodge, but did not have sufficient clearance and in order to avoid a collision turned his truck off the road. The localized occurred on a blind curve and car unavailable. The truck was only slightly damaged. Mr. Shaw has been previously warned on personal injuries. Shaw will be no claims for damage in this case.

Mr. Guy Shaw of 1[illegible] S. Ave., Cleveland, Ohio, injured in collision with Lincoln car. Mr. Shaw was crossing into a right by the Indiana and Lake Michigan were injured by both cars. The incident was regarded as unavoidable, and the cost of repairs adjusted by agreement of the parties involved. Date - July 12th, 1927.

Mr. William Sulg, driving Chevrolet car, Indiana license 1[illegible], left road at point about 1 mile east of Jackson on Highway to Tower Falls

road. The car proceeded down a steep incline for a distance of about 400 yards. There were no personal injuries. The car was not greatly damaged and the driver acknowledged that the fault was entirely his own. The incident occurred on July 12th, 1927.

Mr. H. E. Sevier, driving Oldsmobile, Montana licence #15-668, and Mrs. James Hamlen, driving Chevrolet, North Dakota license #122-534, involved in collision on Old Faithful to West Thumb road. Mrs. Hamlen acknowledged responsibility for damage sustained by Mr. Sevier's car and reimbursed him in the agreed amount of his damage. The incident occurred on July 13th, 1927.

Mr. Vincent E. Taylor, driving Willys Knight car, California license, left road in order to avoid collision with unidentified car. His car turned over by the roadside and he suffered a slight skull fracture and other personal injuries not regarded as serious. There was considerable damage to his car. The incident occurred near the 17-mile post on the Lake Junction to Sylvan Pass road on July 14th.

Mr. David G. Crowe of Melchor, Iowa, driving Ford car, Iowa license #57-1256, collided with National Park Service dump wagon while descending the north slope of Mt. Washburn on the afternoon of July 14th. Mr. Crowe has filed a claim for damages in the sum of $18.95, which does not appear to be justified by the statements of the parties involved. The Chief Ranger and the ranger in charge at Tower Falls ranger station have reported adversely on this claim.

Mr. Moss Schlesinger of 693 Whittier St., Columbus, Ohio, died suddenly upon his arrival at Old Faithful permanent camp at about 12:30 p.m., on July 15th. He was conducting a tourist party through the park. His illness was first reported on his arrival at Mammoth Hot Springs on the evening of July 14th. He received nurse care and attention during his stay at Mammoth Camp and proceeded with his party to Old Faithful on the morning of the 15th. He was stricken while attempting to get out of the bus upon its arrival at Old Faithful permanent camp, and although a nurse was immediately called and first aid rendered she was unable to revive him. She reported that heart action had ceased when the patient was first examined and that death was caused by exhaustion of the heart. It appears that Mr. Schlesinger had not fully recovered from a recent surgical operation. Funeral arrangements were made through Dr. G. A. Windsor, surgeon in charge of the Yellowstone Park Hospital. Mr. Schlesinger has been conducting tourist parties through the park for several years.

Mr. G. W. Kean, driving Ford car, Idaho license #71152, lost control of his car on the grade between Dunraven Pass and Tower Falls. The car left the road while traveling at high speed and turned over. The car was not very greatly damaged and there were no personal injuries. The incident was caused by defective brake bands. Date - July 15th, 1927.

road. The car proceeded down a steep incline for a distance of about 200 yards. There were no personal injuries. The car was not seriously damaged and the driver acknowledged that the fault was entirely his own. The incident occurred on July 14th, 1927.

Mr. E. L. Barker, driving Oldsmobile, Business License 17[illegible], and Mrs. Anne Rankin, driving Chevrolet, Service License 2[illegible], involved in collision on Old Railroad in West Woods road. Mr. Barker acknowledged responsibility for damage sustained by Mr. Rankin's car and referred his to the general manager of his garage. The incident occurred on July 15th, 1927.

L. Vincent S. Taylor, driving Ford Sedan car, California license, left road in order to avoid collision with unidentified car. His car turned over by the roadside and he sustained a slight head injuries and other personal injuries not required in evidence. Some considerable damage to his car. The incident occurred near the 17-mile post on the line Junction to Tylers Fork road on July 16th.

Mr. David O. Crowe of Belmont, Iowa, driving Ford Sed., Iowa license 2[illegible], collided with Rational Pure Service drop wagon while descending the steep slope of Mt. Pendown on the afternoon of July 17th. Mr. Crowe was cited to appear for damages in the sum of $[illegible], which does not appear to be justified by the circumstances of the parties involved. The chief damage was the damage in excess of Power Pills which had been reported adversely by this Bureau.

Mr. Hope Schlesinger of 8[illegible] Minister St., Dalesburg, Ohio, died suddenly upon his arrival at his Federal government camp at about 1:30 p.m., on July 17th. In the conducting a tourist party through the park. His illness was first reported to his control at Tamarack Inn together on the evening of July 16th. No tourists were with the attention during the night at Tamarack Lodge and proceeded with his party to old Faithful on the morning of the 17th. He was attended while attempting to get out of the bus upon its arrival at old Faithful government camp, and although a nurse was immediately called and first aid rendered he was unable to revive him. The reported that tourist events had passed when the patient was first seized with their duty was opinion by Dr. Bunnell of the Bureau. It appears that Mr. Schlesinger had not fully recovered from a recent surgical operation. Federal correspondence was received from a recent surgical operation. Federal correspondence was made through Dr. G. L. Bunnell, surgeon in charge of the Yellowstone Park Hospital. Mr. Schlesinger has been making the tourist parties through the park for several years.

Mr. W. J. Lane, driving Ford car, Iowa license 17[illegible], left road and turned over on the steep hillside between Tower and Lake Junction. The car left the road while travelling at high speed and turned over. The car was not very seriously damaged and there were no personal injuries. The incident was caused by inattentive driver. July - July 19th, 1927.

Rev. A. Schmietz, driving Chrysler car, Iowa license #49888, failed to securely set his brakes when parking car at Thumb public auto camp grounds. The car coasted down incline and collided with Government building resulting in minor damage to both. Rev. Schmeitz reimbursed the caretaker of the building for the cost of repairs and acknowledged full responsibility for the incident. Date - July 17th, 1927.

Mrs. Mable Bauerfrind of Meenah, Wisconsin, broke leg between knee and ankle when stepping out of bus at Canyon permanent camp. The injury was caused by stepping and falling between the unloading platform and the bus. She is reported to have made a statement at the time the incident occurred that she was solely responsible for her injury. Mr. J. E. Kircher of 148 South Clark St., Chicago, Ill., conductor of the tour, was a witness. Date, July 17th, 1927.

Mr. R. D. Lincoln, driving Essex car, Idaho license #32-188, collided with N.P.S.Truck #519. The incident occurred near Iron Spring in Gibbon Canyon. Minor damage was sustained by the Essex car. The complainant did not seek reimbursement for his damage. Date, July 17th.

Miss Beth V. Anderson of 1109 James Ave., Niagara, N.Y., received injury to left arm caused by slipping and falling on Old Faithful geyser formation. The injury was not regarded as serious. Date, July 19th.

Mr. and Mrs. R. S. Parrish and baby, traveling in Ford car, Idaho license #67333. Their car left the road at Canyon Junction and turned over on incline; the top and windshield were wrecked. Mr. Parrish received minor cuts and bruises but Mrs. Parrish and baby were not injured. The incident was caused by a bear accidentally colliding with the left front wheel of Mr. Parrish's car while the bear was attempting to cross the road in front of an approaching bus. Date, July 19th, 1927.

Miss V. M. Sorenson and two passengers, driving Chrysler car, Michigan license #323-274, drove car off the road at sharp turn at a point avout 15 miles west of Sylvan Pass ranger station. The car skidded off the road and struck a tree, causing minor injuries to Miss Sorenson and badly damaging the car. First aid was administered by a passing physician who provided Miss Sorenson and her companions with transportation to Cody. Cause of injury and damage, too much speed. Date, July 22nd, 1927.

Mr. Tom Lamartine, driving Transportation Company, express truck #935, involved in collision with unidentified tourist car. The tourist car cut in sharp on passing the truck while on route from Gardiner to Mammoth. The left front fender of the truck was damaged. The car causing the damage proceeded without stopping and escaped identification by a speedy getaway. Date, July 23rd, 1927.

Mrs. T. D. Lynch of 216 Frank St., Birmingham, Mich., accidentally injured at Thumb paint pots, by stepping into small pool of hot water. Her right foot and ankle were quite severely burned. She admitted that she had failed to exercise proper care when proceeding across the formation. Date, July 24th, 1927.

Mr. A. Tomlett, driving delivery van, lost license [illegible], failed to properly set his brakes when parking car at Tomb public auto park [illegible]. The car started down hill and collided with Government building causing minor damage to both. Mr. Tomlett volunteered the statement of the building for the cost of repairs and acknowledged full responsibility for the incident. Date - July 17th, 1977.

Mr. Robin Industrial of Toronto, discovered, while log [illegible] and while then dragging out of use at Dungee [illegible] area. The injury was caused by dragging and failing [illegible] the [illegible] and his [illegible]. Mr. is required to have been a [illegible] of the line [illegible] incident required that he was solely responsible for his injury. Mr. A. L. Elmore of 123 [illegible] Street [illegible], Edmonton, Alt., [illegible] of the [illegible], was a witness. Date, July 17th, 1977.

Mr. A. C. Simpson, driving [illegible] car, license [illegible], collided with [illegible]. The incident occurred [illegible] in [illegible] Dungee. Minor damage was sustained by the [illegible]. The complainant did not [illegible] responsibility for his damage. Date, July 17th.

Mrs Ruth T. Anderson of 1107 [illegible] Ave., Blindfoot, B.C., sustained injury to left [illegible] by slipping and falling on old [illegible] upper [illegible]. The injury was not reported [illegible]. Date, July 17th.

Mr. and Mrs. A. C. Martin and [illegible], travelling in red car, license [illegible]. Their car left the road at Dungee Junction and turned over on [illegible]. The top and windshield were smashed. Mr. Martin received minor cuts and bruises but Mrs. Martin and [illegible] were not injured. The Institute was damaged by a minor collision [illegible] the left front wheel of Mr. Martin's car while the [illegible] was attempting to cross the road in front of an approaching [illegible]. Date, July 17th, 1977.

Miss T. [illegible] Jarvenen and her passenger, driving Chevrolet car, license [illegible], were thrown off the road at sharp turn in a [illegible] [illegible] [illegible] of Dungee Road Junction. The car sustained [illegible] [illegible] and [illegible] a tree. Slight minor injuries in the [illegible] and [illegible] damaging the car. First aid was administered by a passing physician who provided Miss Jarvenen and her companions with transportation to [illegible]. Cause of injury and damage, too [illegible] speed. Date, July 17th, 1977.

Mr. Tom Smerdon, driving transportation company, [illegible] truck [illegible], involved in collision with [illegible] vehicle car. The incoming car was in shape to passing the truck while on left from Dungee to [illegible]. The left front fender of the truck was damaged. Car was backing the damage presented minor [illegible] and caused identification by a [illegible] [illegible]. Date, July 17th, 1977.

Mrs. M. E. Jones of 213 Pine St., Brighton, Ont., [illegible] injured at [illegible] point, by slipping into small pool of [illegible] [illegible] Mrs Jones was [illegible] while [illegible] [illegible]. The [illegible] that the [illegible] failed to [illegible] proper [illegible] [illegible] [illegible]. Date, July 17th, 1977.

Mr. George W. Mullen of 3115 Meade St., Denver, Colo., driving Chevrolet car involved in collision with yellow bus on highway between Madison Junction and Fountain ranger stations. Claims damages in the sum of $20, which has been referred to the Transportation Company for settlement. Date, July 25th, 1927. The parties involved in this case are not agreed on the question of responsibility for the damage.

Mr. H. W. Benton of Great Falls, Mont., driving Chevrolet car, dealer's license #154, in collision with Mr. J. F. Hetlzer, driving Studebaker car, Missouri license #143-862, on the highway between West Yellowstone and Gallatin ranger station near Grayling Creek cabin. Both cars were slightly damaged but there were no personal injuries. Alleged cause of damage too much speed by Studebaker driver. The parties in interest are in sharp disagreement on the question of responsibility for what occurred. Neither of the parties have made any attempt to recover damages. Date, July 26th, 1927.

Mrs. Bert Wilkins of Pocatello, Idaho, traveling in Dodge car, Idaho license #39628, was injured at Thumb of Yellowstone while fishing from the lake shore. She got fish hook caught in nose while casting. Her injury was painful but not serious and when last heard from she was proceeding with her tour of the park. First aid was administered by a nurse member of her party. Date, July 29th, 1927.

Mr. C. C. Smith, driving Studebaker car, California license #1576131, failed to set brakes securely when parking car at Thumb of Yellowstone Lake resulting in car coasting down incline into hot pool nearby. There were no personal injuries and the car was not very greatly damaged. Date, July 29th, 1927.

Mr. Ezra Davenport of Idaho Falls, Idaho, driving Chevrolet car Idaho license #67132, parked car on hillside at Mammoth public auto camp. He failed to set brakes securely and car coasted down incline colliding with Ford car, Wyoming license #4829, owned by Mrs. Alfred G. Leach. The cost of repairs amounting to $25 was paid by Mr. Davenport and Mrs. Leach acknowledged satisfaction in full. There were no personal injuries. Date July 29th, 1927.

Mr. E. L. Gustafson of 2313 East 10th St., Sioux City, Iowa, stepped in a hot pool at Thumb of Yellowstone Lake causing painful but not serious burn on foot and leg between ankle and knee. The incident occurred while attempting to get picture of the paint pots. Date July 30th.

Special Incidents:

Leroy Miller of Niles, Mich., vagrant, apprehended at Canyon permanent camp on July 8th. He had no money, camping equipment and was without visible means of support. He had no shoes when apprehended and his feet were badly bruised and swollen. The loss of his shoes are reported to have occurred in connection with a hurried escape from an assault by a

Mr. Harry G. Smith of 3147 Home St., Dover, Ohio, driving convertible car involved in collision with police car on highway between Dover and Tuscarawas, proper evidence. Jury found in the sum of $50. Judge Ann Cole returned in the Tuscarawas County for settlement, July 25th, 1927. The parties involved in this case are satisfied as the question of responsibility for the damage.

Mr. G. L. Smith of Dover Ohio, Rt. 1, driving Chevrolet car, Lawler's Lincoln 7151, in collision with Mr. L. L. Carson, driving Studebaker car, Lincoln Lincoln 7113-550, on the highway between Dover Valleytown and Sugarcreek Junction near Dover, Ohio. Both cars were slightly damaged, but there were no personal injuries. Judge cause of damage for each owner by Studebaker driver. The parties in interest are in short disagreement as the question of responsibility for what occurred. Attorney of the parties have made no attempt to adjust damages. Date, July 26th, 1927.

Mr. Jack Sibley of Dover Ohio, driving Lincoln, travelling in Judge Lincoln 7[illegible], was injured as result of collision with driving from the lake shore. The car that hit Judge Sibley's car was driven by injury was primarily his own carelessness and when last heard from the car proceeding with the hour of the year. Cases all are administered by a large number of the people. Date, July 27th, 1927.

Mr. G. L. Smith, driving Studebaker car, Lincoln Lincoln 7[illegible], Dover Ohio, accidently shot pointing car at Tuscarawas and Tallsmouth Lake Junction in his operating from Lincoln Lake Park Dover. There were no personal injuries and the car was not very greatly damaged. Date, July 27th, 1927.

Mr. John Sprengers of Lake Park, Dover, driving Chevrolet car Lincoln Lincoln 6[illegible], proved car in collision at Dennison Public with dog. Mr. Ballet in his defense generally was that dog crossed from Lawling Pollinger with Ford car, Lincoln Lincoln 7[illegible], owned by Mrs. Alfred E. Lowell. The car of Pollinger proceeding at 35 was held by Mr. Sprengers and Mrs. Lowell acknowledged contributing in fact. There were no personal injuries. Date July 27th, 1927.

Mr. G. L. Smithson of 3[illegible] Lake Ave., Dover City, Ohio, engaged in a matched at Dover of Tuscarawas Lake driving pleasure car and Carlson cars on Rt. 1 and Log between Dover and Lake. Mr. Smithson sustained slight injuries according to the police report. Date July 27th.

Mr. Harry Smith of Dover Ohio, engaged at Tuscarawas Lake on July 27th. He had an injury, weighing approximately one hundred pounds, without doctor or support. He may be alone with knowledge and his relatives which doctor of support. The loss of his home has occurred in Lake resorted in running the with a Dodge car from an assault by a

tourist who was fearful that Diller was trying to rob him. Diller is regarded as a harmless, irresponsible person. He received medical care and attention at the Yellowstone Park hospital and left the park via the north gate on July 12th.

The safe in the Alex Stuart garage at West Yellowstone was forcibly entered and burglarized of about $1700 on the night of July 15th, 1927. The incident occurred between 11:00 and 12:00 p.m. No arrests have been reported in connection with this incident to date.

Two men and two women, real names and addresses unknown, entered east gate on July 15th, 1927, traveling in Hupmobile car, New York license. They were apprehended by the rangers at the Gardiner checking station on July 17th and delivered into the custody of Deputy Sheriff Gilbert of Park County, Montana, on a charge of violation of the Mann Act.

George Otton, driving Ford sedan, Minnesota license #86510, permit #50234, was apprehended by the rangers at the Gardiner checking station on a charge of burglary and theft in the town of Gardiner. All property unlawfully acquired was found in his possession and it was also afterwards learned that he was driving a stolen car. He was delivered into the custody of Deputy Sheriff Gilbert of Park County, Montana, and the stolen car was placed in storage at the Gardiner garage.

Re. loss of saddle horse in Canyon of the Yellowstone about 11:30 a.m. on the 29th. The rider had dismounted only an instant before the incident occurred. Place - east rim of the Canyon between Artist and Sublime Points, cause - fright occasioned by blast on road construction job on west rim of the Canyon. The rider was unable to hold his horse after dismounting which in its excitement backed out and dropped over the rim. The Canyon at this point is approximately 1500 feet deep. The animal descended to the river and disappeared from view. There were ten persons in the saddle horse party including the wrangler, one Archie Muhr, from the Canyon Lodge. There were no personal injuries. The incident was witnessed by several hundred persons from the west rim of the Canyon in the vicinity of Inspiration Point.

An earth tremor was reported by Park Ranger Martindale at Old Faithful on July 28th about 11:45 p.m. It was said to have been slight and of short duration and was perhaps only a local disturbance as it was not reported from other points in the park.

Dorval G. Payne, escaped general prisoner, was apprehended in Yellowstone Park by Assistant Chief Ranger Greer on July 1st and held in custody on request of the Commander of the 9th Corps Area, Presidio of San Francisco, Calif. He was later delivered into the custody of Staff Sergeant, Joseph A. Fitzpatrick, Hdqrs. Co., 6th Brigade, Fort Douglas, Utah. Date July 9th, 1927.

Everett was was fearful that Miller was hoping to pick him. Miller is engaged as a bandsman, investigomatic provides the required musical ears and attempts to get the Fallingtonians back together but left his work with the intriguing on July 12th.

The daily in the clear-water gazette as that Fallingtonians was formally entered and burglarized at about 2:30 on the night of July 12th, 1927. The intruder measured between 11:00 and 12:00 p.m. He appears that were required in connection with his a lot longer to date.

Two men and two women, real name not mentioned anywhere, entered near gate on July 12th, 1927, travelling in Impossible car. The two women they were introduced by the manager of the Dunlaw showing stations on July 12th and delivered into the custody of Joseph Barrett director of the county, Wastons, on a charge of violations of the Dunn act.

George Green, selling fruit trees, Edmonton Liverpool (0/20). permit 17017, was apprehended by the rangers at the Dunlaw counting station on a charge of carrying and sleep in the town of Dunlaw. His property subsequently searched was found in his possession and it was also discovered that he was driving a banned car. He was delivered into the custody of Joseph Barrett director of Jack County, Dunlaw, and his permit was placed in storage at the Dunlaw garage.

Jo. Lee of Sandy Bunk in Dungen of the Fallingtonian Sunday 11/8 a.m. on the 7/20. The rider had disappeared only in leaving behind the incident reported. Flaxo - Sent rig of the Dungen Bunnies defeat all Dunlaw rivals, online - Flight organized by Alex of Jack of Jack Jacksonville jug on year rig of the Dungen. The rider was unable to hold his horse after dismounting while in the saddlemen saddle and his trapped at over the rim. The Dungen at this point is approximately 1/20 feet deep. The animal descended to the river and disappeared from view. Jack were the persons in the saddle horse giving be- sleeping the arrangement, was Jack Sandy Bunk, from the Dungen Jacks. There were no physical injuries. The horses was released by several Dunlaw persons from the west rim of the Dungen in the vicinity of Inspirations Point.

A search dinner was hosted by Jack Dungen Dunlaw's at 6:00 Friday, on July 12th since July 2nd. It was said to have been alight and of short duration and was pleasing only a local disturbance as it was not re- ported from other points in the park.

Jerrel C. Tigue, escaped prisoner, was apprehended in Fallingtonian Park by Assistant Chief Ranger Bunk on July 1st and held in custody on request of the commander of the 7th Dungen area. Prisoner is the escaped, Jack. Of the Jack Jackson Lake the county of Jack Dungen, Tigue C. Fitzgerald, Sales, Co., Oh. Delaware, Fall Jackson, Ohio. June July 28th, 1927.

900 - Miscellaneous:

Hospital and Medical Service: The following is a report on the number of professional calls made in the park, patients admitted to the hospital, etc., for the month of July:

Total number of patients in the hospital..... 98
52 sick
3 smallpox
22 accidents - 14 minor and 8 major
17 surgical - 12 minor and 5 major
1 scarlet fever
1 mental
2 confinement
Number of miles traveled..... 5898
Number of professional calls made in park (majority employees)..... 29
Number of complete tours of park, checking dispensaries, looking after guests and employees.... 13
Number of minor operations, dressings, etc. 187
Number of calls upon nurses throughout the dispensaries of the park, by employees and guests (majority employees) approximately..... 1400
Professional advice per telephone and innumerable items incident to medical service.
Number of calls by Resident Physician R.R.Brady (house) 23; office 22.

On July 31st Mrs. Russell Sprinkel, wife of Clerk Sprinkel, gave birth to a daughter, Norma Jean.

Post Office: Receipts and cancellations indicate a decided increase over the same period for 1926. Increases in various departments vary from 3 to about 20%, the average being well over 10 per cent.

Post Office Inspector C. E. Hansen of Sheridan, Wyo., inspected the office on July 9th and 10th.

On July 22nd request was made by the Postmaster, to the First Asst. Postmaster General, that the question of substations at Upper Basin, Lake Outlet, and Grand Canyon, be considered.

Church Services: Religious services were held in the Chapel at Park headquarters in accordance with the published schedule (copy herewith) during July with one exception, as noted below.

Episcopal services were held by Rt. Rev. F. W. Faber, Bishop of Montana, assisted by Rev. John F. Como, both morning and evening July 3rd and also both morning and evening of July 31st by Rt. Rev. Herbert H. H. Fox, Bishop of Montana.

Hospital and Medical Service: The following has a record of the number of professional calls made in the year, patients resident in the hospital, etc., for the month of July:

Total number of patients in the hospital..... [illegible]
[illegible] men
[illegible] women
[illegible] medicine - [illegible] men and [illegible] women
[illegible] surgery - [illegible] men and [illegible] women
[illegible] maternity
[illegible] gynaecology
[illegible] infectious
[illegible] infantile
Number of calls received..... [illegible]
Number of professional calls made in year
[illegible]..... [illegible]
Number of hospital beds at year, including [illegible]
[illegible], labour wards and maternity..... [illegible]
Number of minor operations, dressings, etc. ..... [illegible]
Number of calls made outside throughout the day-
[illegible] of the year, by employees and grades
[illegible]..... [illegible]
Professional advice per telephone and [illegible]
[illegible] to medical services.
Number of calls by Resident Physician R.R. Brady(horse)24;office 22.
In July [illegible], Donald Gordon, with [illegible] [illegible],
[illegible] in a [illegible], [illegible].

Food Office: Bakery and [illegible] indicate a decided increase over the same period last [illegible]. Increases in various departments vary from [illegible] to [illegible], the average being well over [illegible] per week.

Food Office Inspector [illegible]. [illegible] Department. [illegible], inspected the office on July [illegible] and [illegible].

In July flat repairs were made by the Maintenance, in the flats [illegible]. Furthermore [illegible], that the question of [illegible] of [illegible] [illegible] Office, and [illegible] Engineer, be [illegible].

Church Services: Religious services were held in the Chapel at Fort [illegible] in conjunction with the publication authorities (Army Barracks) having fully [illegible] complaints, or in [illegible].

Spiritual services were held by Rev. [illegible], [illegible] of [illegible], assisted by Rev. [illegible], both morning and evening [illegible] and also with morning and evening of July 31st by Rev. [illegible] [illegible], Bishop of [illegible].

Congregational services were held by Rev. S. R. McCarthy of Livingston, Mont., both morning and evening July 10th.

Baptist services were held evening of July 17th by Rev. Thos. L. Huxley of Livingston, Mont.

English Lutheran services were held morning of July 17th and evening of July 24th, by Rev. Webster Clement of Livingston, Mont.

Roman Catholic masses were celebrated at 6:00 a.m. and 8:00 a.m. every Sunday morning during the month, and a special Mass was held at 8:00 a.m. on Tuesday, July 26th.

The Methodist service booked for the morning of July 24th was not held as advertised, because the minister did not appear, and to this date no explanation has been offered. Knowing that there was some internal friction in the church in Livingston Mr. Lindsley took the matter of this service up with a member of the Church Board, and also with one of the members of the Ministerial Association of Livingston, and was assured that they would have a man on the ground for the service; but after the congregation had been kept waiting for 15 minutes after the time appointed for the service, and the minister did not appear one of the gentlemen of the congregation, a stranger, led the congregation in singing a few familiar hymns and after about a half hour's session they dispersed.

During July the splendid photographs of Senator Francis E. Warren, Rt. Rev. Nathaniel S. Thomas, D.D., Bishop of Wyoming, and U. S. Commissioner John W. Meldrum, which were furnished for the purpose, were framed and hung in the Chapel with the one of Bishop Nichols which has been there for several years.

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Very truly yours,

Superintendent.

Congregational services were held by Rev. F. E. Lockerby of Livingston, Sask., with worship and preaching daily 10:00.

Evening services were held morning of July 17th by Rev. Geo. L. Tanley of Livingston, Sask.

Baptist Church services were held morning and evening 11 o'clock 17th and evening of July 18th, by Rev. Theodor Clemens of Livingston, Sask.

Mass Catholic services were held morning at 10:00 a.m. and 8:00 a.m. every Sunday morning during the month, and a special mass was held at 10:00 a.m. on Tuesday, July 19th.

The Ukrainian service, which for the morning worship was not held as advertised, because the minister did not appear, was to this date an unknown one. Rumors were circulated, claiming that there was some interest in the church in Livingston, claiming that the pastor of this service is a member of the Church Union, and also was at the meeting of the Ministerial Association of Livingston, but not because that they could take a hand in the service for the morning, but after the conference had been kept quiet until after it started when the time appointed for the service, and the minister did not appear was it the question of the conference, a rumour, but the conversation in Ukrainian a few Russian Jews and after about a half hour's waiting they disperse.

During July the Sunday photographs of Reverend Francis E. Barron, Co. Pres. Ministerial in Canada, U.C., Library of Congress, and C. B. Cameron Minister, Saskatoon, which were functional for the purpose, were framed and hung in the chapel with the use of Jimmy Stokes which was been done for several years.

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Rev. Wang Sunrise.

Rev. Sunrise.

10-159

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

YELLOWSTONE National Park for the Month of JULY 1927

	This Month	This Month Last Year
Number of employees beginning of month,	118	118
Number of additions, ...	7	5
Total, ...	125	123
Number of separations, ...	3	2
Number of employees close of month, . .	122	121
Number of promotions during month	9	12
Aggregate amount of annual leave taken,	1/2	5-1/2
Aggregate amount of sick leave taken,	9	--
Aggregate amount of leave without pay,	--	7

10-159

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

STATUS OF PERSONNEL

Yellowstone National Park for the Month of July 1937

	This Month	This Month Last Year
Number of employees beginning of month,	116	116
Number of additions, ...	9	5
Total, ...	125	121
Number of separations, ...	3	2
Number of employees close of month, . .	122	121

Number of promotions during month	9	12

Aggregate amount of annual leave taken,	1/8	5-1/2
Aggregate amount of sick leave taken,	9	--
Aggregate amount of leave without pay,	--	7

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

YELLOWSTONE National Park for the Month of JULY 1927

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
ect #1 - Firehole Cutoff				
construction, 1-1/4 miles	85	10	5	
ning, 1-1/4 miles	50	15	15	Sept. 15, 1927
ect #3 - Lake Shore Road				
nstruction, 12.4 miles	100			
ect #9 - Unit No. 1 -				
r Falls-Mammoth Road				
nstruction and surfacing,				
4 miles	100			
ect #9 - Unit No. 2				
nstruction, 3/4 miles	100			
ect #10 - Sylvan Lake-Cub				
& East Entrance Road				
nstruction, 7 miles	12	0	0	
ect #11 - Inspiration				
t Road				
nstruction - 2 miles	100	0	0	Completed Aug.
acing 2 miles	100	25	15	25,1926, except surfacing.
ect #12 - Soda Butte Road				
nstruction, 1-1/2 miles	100	0	0	Oct.20,1926.
ect #1-3 - Canyon Jct.-Tower Jct.				
construction, 1-1/2 miles	10	10	0	Sept.30,1926.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

STATUS OF AUTHORIZED PROJECTS

National Park for the Month of

Description of Projects	Percent Constructed To Date	Percent Constructed This Month	Percent Constructed Last Month	Probable Date of Completion
Project 21 - Firehole Canyon Road				
Construction, 1-1/4 miles	85	10	0	
Comp. 1-1/4 miles	90	15	15	Sept. 15, 1927
Project 27 - Lake Shore Road				
Construction, 17.7 miles	100			
Project 29 - Unit No. 1 - Trail-removal road				
Construction and surfacing, 2 miles	100			
Project 29 - Unit No. 2				
Construction, 3/4 miles	100			
Project 210 - Upper Lake-Canyon Lower entrance road				
Construction, 1 miles	12	0	0	
Project 211 - Yellowstone				
Construction - 2 miles	100	0	0	Completed Aug. 25, 1926, except surfacing.
Comp. 2 miles	100	25	15	
Project 212 - Bear Lake Road				
Construction, 1-1/2 miles	100	0	0	Oct. 20, 1926.
Project 214 - Canyon Lev.-Chute Lev.				
Construction, 1-1/2 miles	10	10	0	Sept. 30, 1926.

0-157

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

YELLOWSTONE National Park for the Month of JULY 1927

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Increase for Travel Year Percent
RIVATE TRANSPORTATION:						
ars first entry	18492	25367	16427	24119	1248	5
ars reentry	834	987	793	1048	- 61	6
otorcycles	67	106	55	83	23	28
Total motor vehicles	19393	26460	17275	25250	1210	4
ersons entering via motor vehicles	63438	84385	57479	81934	2451	3
ersons entering via other private transportation	355	374	454	587	-213	36
Total persons entering via private transportation	63793	84759	57933	82521	2238	2.7
THER TRANSPORTATION:						
ersons entering via stages						
ersons entering via trains	15563	20481	15105	21178	-697	3
ersons entering otherwise						
Total other transportation						
GRAND TOTAL ALL VISITORS	79356	105240	73038	103699	1541	1-2/5%

	This Year	Last Year	Increase Number	Increase Percent
tomobiles in public camps during month				
ampers in public camps during month				

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRAVEL REPORT

National Park for the Month of 19

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Increase for Travel Year Percent
PUBLIC TRANSPORTATION:						
Passenger cars, busses						
Passenger tramway						
Passenger-miles						
Private motor vehicles						
Persons entering via motor vehicles						
Persons entering via other private transportation						
Total persons entering via private transportation						
OTHER TRANSPORTATION:						
Persons entering via stages						
Persons entering via trains						
Persons entering otherwise						
Total other transportation						
TOTAL ALL VISITORS						

	This Year	Last Year	Increase Number	Increase Percent
Average in public camps during month				
Average in public camps during month				

10—3
yl.

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE—YELLOWSTONE NATIONAL PARK

CHIEF RANGER'S MONTHLY TRAVEL REPORT, MONTH OF July, 1927

	NORTH		WEST		EAST		SOUTH		ALL TRAIL ENTRANCES		SUMMARY	
	Cars	People	Cars	People	Cars	People	Cars	People	Horses	People	Cars	People
Automobile permits issued	2990	9689	7019	23844	6991	22307	1473	4640			18473	60480
tomobile permits issued (complimentary)	8	18	5	15	3	12	3	13			19	58
Cars entering second time	211	666	472	1650	103	344	48	154			834	2814
Motor-cycle permits issued	4	5	19	25	37	44	7	12			67	86
Total	3213	10378	7515	25534	7134	22707	1531	4819			19393	63438
Passengers in horse-drawn vehicles												
Passengers on horseback												
Passengers on bicycles												
Passengers on foot (Miscellaneous)		101		39		178		37				355
Total incoming passengers with private transportation	3213	10479	7515	25573	7134	22885	1531	4856			19393	63793
WITH HIRED TRANSPORTATION												
Yellowstone Park Transportation Co.		4468		7962		3087		46				15563
Total incoming passengers with hired transportation		4468		7962		3087		46				15563
TOTAL INCOMING PASSENGERS	3213	14947	7515	33535	7134	25972	1531	4902			19393	79356

Total automobiles in public camping grounds 38385

Total automobile campers in public camping grounds 124750

Total passengers Cooke City stage 52

Total visitors Cave Falls—Bechler River Region

SEASON TOTAL END OF LAST MONTH 7067 25884

SEASON TOTAL TO DATE 26460 105240

Year	Year	Number	Percent

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Yellowstone National Park for the Month of July

	This Year	Last Year
k revenue on hand beginning of month		$55,712.85
eived	$48,478.44	
Total	$48.478.44	$55,712.85
itted	48.438.44	55.712.85
hand close of month	40.00	

k revenues received this year to date	$48.478.44
k revenues received last year to date	55.712.85
~~Increase~~ Decrease	~~7,234.41~~
Percent of ~~increase~~ ~~Decrease~~ Decrease	Thirteen

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF PARK REVENUES

Yellowstone National Park for the Month of May

	This Year	Last Year
revenue on hand beginning of month		$55,712.65
ived	$48,478.44	
tal	$48,478.44	$55,712.65
ted	48,438.44	55,712.65
nd close of month	40.00	

revenues received this year to date	$48,478.44
revenues received last year to date	53,712.65
~~Increase~~ Decrease	~~7,234.21~~
Percent of ~~increase~~ Decrease	Sixteen

)-163

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

YELLOWSTONE National Park for the Month of JULY 1927

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Increase for Travel Year Percent
rrent generated, ...	83110.	83110.	83690.	83690.	* -580	
ld to park operators, . . .	23783.4	23783.4	27147.5	27147.5	-3364.1	
ld to others, ...						
rnished to other Governmental agencies, ...						
ed by National Park Service, lost in transit, etc., . . .	59326.6	59326.6	56542.5	56542.5	* -2784.	
Total current generated, . .	83110.0	83110.0	83690.0	83690.0	* - 580.	

*Denotes decrease.

ount receivable from the sale of electricity, ... $ 1189.17

Indicated by K. W. H.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

*ELECTRICITY GENERATED, SOLD, USED, ETC.

Yellowstone ..... National Park for the Month of 1941

	This Month	This Travel Year To Date	This Month Last Year	Last Travel Year To Date	Increase for Travel Year Number	Increase for Travel Year Percent
rent generated, ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
to park operators, . . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
to others, ...						
ished to other Governmental encies, ...						
by National Park Service, et in transit, etc., . . .	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
tal current generated,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

*Current in Kilowatts.

nt receivable from the sale of electricity, ... $ [illegible]

dicated by K. W. H.

August 1, 1927.

COMPARATIVE SALES STATEMENT

Publication	1926		1927	
Bulletin A - 611	13	$ 7.50	4	$4.00
Bulletin B - 612	8	4.00	7	3.50
Fishes	169	8.45	127	6.35
Fossil Forests	516	51.60	308	30.80
Geysers	674	67.40	428	42.80
Geological History	789	78.90	492	49.20
Portfolio	363	363.00	201	201.00
U.S.G.S.Map	65	16.25	69	17.25
Panoramic View	18	4.50	--	-----
Bridger	1	10.00	--	-----
Antelope	8	2.40	9	2.70
Yellowstone Bears	12	30.00	1	2.50
Chittenden	36	87.50	19	47.50
Foolish Questions	24	12.00	--	-----
Haynes Guide	123	92.25	156	117.00
Nature Book	23	57.50	1	2.50
Truthful Lies	23	11.50	---	----
Trees and Flowers	62	46.50	45	33.75
Trees and Shrubs (.50)	16	8.00	5	2.50
Trees and Shrubs (.75)	1	.75	2	1.50
Winter in Geyserland	2	1.00	--	----
White Bar Elk	12	1.80	---	----
Langford's (1.50)	12	18.00	3	4.50
Langford's (.75)	36	27.00	15	11.25
Birds	25	25.00	15	15.00
Total		$1032.30		$ 595.60

August 1, 1927.

COMPARATIVE SALES STATEMENT

Population	1926		1927	
Bulletin A - 611	17	$ 7.50	4	$4.00
Bulletin B - 612	8	4.00	7	4.50
Times	169	6.25	127	5.75
Fossil Forests	716	51.60	308	30.80
Geysers	674	67.40	428	42.80
Geological History	769	76.90	412	41.20
Portfolio	365	365.00	201	201.00
U.S.G.S. Map	65	16.25	69	17.25
Memorial Vase	18	4.50	--	-----
Bridger	1	10.00	--	-----
Antelope	8	2.40	3	2.70
Yellowstone Bears	12	30.00	1	2.50
Outstanding	36	67.50	19	47.50
Profile Questions	24	12.00	--	-----
Bryce Guide	125	92.25	156	117.00
Nature Book	23	57.50	1	2.50
Grateful Lies	23	11.50	---	-----
Trees and Flower	62	44.50	45	33.75
Trees and Birds (.50)	16	8.00	5	2.50
Trees and Birds (.75)	1	.75	2	1.50
Winter in Coyoteland	2	1.00	--	-----
Gift to Her Girl	12	1.80	---	-----
Langford's (1.50)	12	18.00	3	4.50
Langford's (.75)	36	27.00	15	11.25
Birds	25	25.00	15	15.00
Total		$1052.30		$ 555.60

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

	Number	Value
ERNMENT PUBLICATIONS:		
hand beginning of month	96	20.90
eived during month	1659	356.30
Total	1755	377.20
d during month.	1636	354.90
On hand at close of month	119	22.30
-GOVERNMENT PUBLICATIONS:		
hand beginning of month	71	79.90
eived during month.	255	220.25
Total	326	300.15
d during month.	271	240.70
On hand at close of month	55	59.45
h on hand beginning of month.		44.95
es during month		595.60
Total		640.55
itted during month.		453.00
Balance		187.55

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF SALES OF PUBLICATIONS

	Number	Value
MONTHLY PUBLICATIONS:		
and beginning of month	96	[illegible]
ived during month	1693	[illegible]
otal	1793	[illegible]
during month.	1696	[illegible]
n hand at close of month	117	[illegible]
GOVERNMENT PUBLICATIONS:		
and beginning of month	73	[illegible]
ived during month.	255	[illegible]
otal	328	[illegible]
during month	273	[illegible]
n hand at close of month	55	[illegible]
on hand beginning of month.		[illegible]
s during month		[illegible]
Total		[illegible]
ised during month.		[illegible]
balance		[illegible]

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

YELLOWSTONE National Park for the Month of JULY 1927

	This Month	This Month Last Year	Increase	Percent Increase
AL BUSINESS				
es of circuit maintained	402	373	26	.069
of telephones connected	147	141	6	.042
of measured service calls				
of other local calls				
al No. of local calls	21950	41479	-19529	-47
k load in calls per day	902	1965	- 1063	-55
eipts from measured service calls				
eipts from coin boxes				
eipts from telephone rental				
TOTAL RECEIPTS				
G DISTANCE BUSINESS				
Outbound calls	457	435	22	05
Inbound calls	293	339	-46	-13
TOTAL LONG DISTANCE CALLS				
k load in calls per day	40	53	-13	-32
eipts from Long Distance business	$203.60	154.68	48.92	31
EGRAPH BUSINESS				
sages via Western Union				
sages via				
TOTAL MESSAGES				
eipts from telegraph business				
f money transfer messages				
of money transfer receipts				
AL RECEIPTS TELEPHONE & TELEGRAPH DEPT-				

(of this revenue accrues to the Mountain States Telephone & Telegraph Co.)

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF TELEPHONE AND TELEGRAPH BUSINESS

National Park for the Month of

JUNE 1947

TELEPHONES	This Month	This Month Last Year	Increase	Decrease
L BUSINESS				
of official designation	402	373	29	.069
telephones connected	147	141	6	.042
of measured service calls				
or other local calls				
) ab. of toll calls				
load in miles per day				
	21,990	41,473	-19,483	-47
	322	1,965	- 1,643	-55
ipts from measured service calls				
ipts from non-toll				
ipts from all sources (total)				
TOTAL RECEIPTS				
DISTANCE BUSINESS				
Quarterly basis	127	137	22	05
Minimum basis	293	339	-46	-13
TOTAL LONG DISTANCE CALLS				
ipts from long distance business	40	53	-13	-32
	2,345.50	1,314.58	48.92	21
OTHER BUSINESS				
ages for Public Utility				
Month				
TOTAL MESSAGES				
ipts from telegraph business				
ll other income (specify)				
ll other income receipts				
SUBSCRIBED TELEPHONE & TELEGRAPH COST-				

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

YELLOWSTONE PARK, WYO.

E OF THE SUPERINTENDENT

July 7, 1927.

CIRCULAR NO. 12:

In view of the resignation of Mr. Gerd P. Webber as a member of the Yellowstone Park school board, the following will constitute the board for the next school year:

Mrs. Charles Brent, Chairman,
Mrs. Horace M. Albright,
Mr. A. C. Hermann.

School will be conducted next year under conditions similar to those in force during the 1926-1927 year.

Horace M. Albright
Superintendent

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

YELLOWSTONE PARK, WYO.

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

YELLOWSTONE PARK, WYO.

OF THE SUPERINTENDENT

July 24, 1927.

CIRCULAR NO. 13;

I have been called to Crater Lake National Park to meet Mr. Mather to discuss matters there. I am leaving the park this morning and will be gone until Friday or Saturday of this week.

In my absence, Assistant to the Superintendent Joseph Joffe will be Acting Superintendent and is hereby authorized to sign correspondence during my absence.

Horace M. Albright
Superintendent

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

July 24, 1937.

Memorandum No. 143

I have been notified by Director Cron Hartigan, park is used for, Sunday to discuss matters there. I am leaving the park this morning and will be gone until Friday or Saturday of this week.

In my absence, inquiries or the superintendent's duties will be during Superintendent Smith's hours authorized to sign correspondence during my absence.

Thomas B. Allyn
Superintendent

DEPARTMENT OF INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK

August 7th 1927

CIRCULAR No. 14

The duty assignments of the following named park rangers, from and after this date and until further notice, will be as follows:-

James N. Dupuis, In Charge of Lake Station.

Herschel R. Bowman, Frost Lake Fire Patrol.

Charles P. Compton, General Duty at Canyon Station.

Joseph D. Lawrence, General Duty at Lake Station.

Signed HORACE M. ALBRIGHT
Superintendent

Department of the Interior
National Park Service
Yellowstone National Park
Yellowstone National Park

1927 COMPARATIVE TRAVEL FIGURES WITH 1926 AND 1925
SEASON TO JULY 31ST, INCLUSIVE

1 9 2 7

ENTRANCE	RAIL (People) Hotels	Camps	Total Rail	MOTOR Cars	People	MISC. People	TOTAL
North	2878	3234	6112	5716	17681	122	23,915
West	5858	4493	*10351	10344	33801	45	44,197
East	1916	2056	3972	8843	28010	180	32,162
South	24	22	46	1557	4883	37	4,966
Total	10676	9805	20481	26460	84375	384	105,240

1 9 2 6

ENTRANCE	RAIL (People) Hotels	Camps	Total Rail	MOTOR Cars	People	MISC. People	TOTAL
North	3762	3251	7013	5868	18373	196	25,582
West	6382	3689	10071	8596	28626	97	38,794
East	2107	1960	4067	8549	27820	257	32,144
South	27		27	2237	7115	37	7,179
Total	12278	8900	21178	25250	81934	587	103,699

1 9 2 5

ENTRANCE	RAIL (People) Hotels	Camps	Total Rail	MOTOR Cars	People	MISC. People	TOTAL
North	4743	3844	8627	5311	16969	259	25,855
West	6709	4251	10960	5747	18964	44	29,968
East	1743	2215	3958	6409	21030	224	25,212
South	46	22	68	1354	4374	21	4,463
Totall	13241	10372	23613	18821	61337	548	85,498

TRAVEL RECORDS BROKEN IN 1927

Largest days entrance travel in history of park 3640 on July 3rd; previous ecord 3102 on July 4, 1926.

Largest number of automobiles entering one gate in single day 521 at West on uly 3rd; previous record 367 at West on July 4, 1926.

Largest number of motor vehicles entering park in single day 819 on July 3rd; revious record 789 on July 4, 1926.

Largest number of automobiles entering East gate in single day 336 on June 19th revious record 305 on July 12, 1926.

TRAVEL SUMMARY THIS SEASON TODATE

Total travel to July 31st, incl. 105,240; last year 103,699; gain 1,541
Total travel for month 79,356; last year 73,038; gain 6,318
Rail travel for month 15,563; last year 15,105; gain 458

Largest day's travel for month 3,640 on July 3rd. Average daily travel his month todate 2,560.

Average daily entrance autos this month todate 625

*U.P. 8914; C.M & St. P.P. 1317; N.P. 120

STATEMENT SHOWING AUTOMOBILE TRAVEL BY STATES
YELLOWSTONE NATIONAL PARK
June and July 1927

NAME OF STATE	North		West		East		South		Total	
	Cars	Passengers	Cars	Passengers	Cars	Passengers	Cars	Passengers	Cars	Passengers
abama	2	5	16	50	8	28			26	83
izona	11	32	46	140	28	83	6	26	91	281
kansas	5	11	18	62	30	106	7	31	60	210
lifornia	484	1285	2037	5937	484	1370	96	279	3096	8871
lorado	59	176	198	619	521	1603	121	359	899	2757
nnecticut	8	23	8	21	35	95	4	11	55	150
laware	2	6	2	6	5	14			9	26
st. of Col.	8	20	11	30	23	63	10	30	52	143
orida	41	97	40	121	86	249	11	31	178	498
orgia	3	8	7	18	15	55	2	7	27	88
aho	79	249	1666	6327	50	158	110	424	1905	7158
linois	187	581	201	626	716	2281	80	234	1184	3722
diana	75	254	92	288	169	519	25	72	361	1133
wa	146	464	109	358	540	1737	50	156	845	2715
nsas	36	117	105	331	311	1004	77	259	529	1711
ntucky	7	22	13	47	39	126	4	15	63	210
uisiana	5	19	12	41	23	86	9	26	49	172
ine	5	15	2	6	10	29			17	50
ryland	6	17	6	12	25	80	7	24	44	133
ssachusetts	21	54	25	61	71	201	9	29	126	345
chigan	144	455	102	335	343	1047	34	90	623	1927
nnesota	338	1099	96	314	411	1295	12	33	857	2741
ssissippi	1	3	6	18	9	28	6	17	22	66
ssouri	38	122	102	332	260	870	44	131	444	1455
ntana	1648	5436	1150	3949	469	1582	29	93	3296	11060
braska	79	249	91	285	464	1515	56	158	690	2207
vada	4	7	49	163	6	13	4	8	63	191
w Hampshire			5	10	14	35	1	3	20	48
w Jersey	27	77	34	90	80	222	12	39	153	428
w Mexico	4	9	18	49	22	65	4	10	48	133
w York	57	150	74	195	251	752	27	70	409	1167
rth Carolina	3	8	7	26	9	30	4	8	23	72
rth Dakota	220	730	73	238	169	583	5	14	467	1565
io	103	313	166	481	451	1371	69	208	789	2373
lahoma	27	92	136	428	261	909	94	308	518	1737
egon	68	193	423	1232	71	235	13	41	575	1701
nnsylvania	54	150	77	237	208	630	24	76	363	1093
ode Island	4	8	2	7	18	36	1	3	25	54
uth Carolina	4	10	2	5	6	18			12	33
uth Dakota	71	219	25	73	183	603	13	35	292	930
nnessee	5	17	17	72	21	63	5	22	48	174
xas	52	162	170	550	307	987	78	256	607	1955
ah	62	150	1126	4091	45	138	81	280	1314	4659
rmont	2	2	1	4	6	22			9	28
rginia	6	15	9	31	18	56	1	2	34	104
shington	261	783	672	2002	144	474	25	75	1102	3334
st Virginia	10	33	11	43	44	150	3	9	68	235
sconsin	192	586	116	333	298	938	20	63	626	1920
oming	98	274	129	402	827	2746	180	578	1234	4000
aska			3	10					3	10
nada	201	731	86	335	79	271	2	6	368	1303
waii	3	9	13	38	4	11	1	4	21	62
nal Zone	1	2	2	7	1	6			4	15
xico			1	5					1	5
illippine Is										
reign			2	5	1	2			3	7
TALS	4977	15549	9606	31456	8689	27590	1476	4653	24747	79248
Cars entering second trip unclassified by states									987	3276
Motorcycles entering unclassified by states									106	138
Pre-season travel unclassified by states									620	1714
GRAND TOTAL, cars and visitors, classified and unclassified									26460	84375

DIETER
BINDS
BETTER